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THE

# ANNUAL REPORT

TO THE

## URBAN SANITARY :: AUTHORITY ::

OF THE

# COUNTY BOROUGH OF HUDDERSFIELD

FOR THE YEAR

## 1924.

BY

S. G. H. MOORE, M.D., D.P.H.

PRINTED BY ORDER OF
THE HEALTH COMMITTEE

HUDDERSFIELD:
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PUBLIC HEALTH DEPARTMENT,

HUDDERSFIELD.

TO THE CHAIRMAN AND MEMBERS OF THE HEALTH COMMITTEE

OF THE COUNTY BOROUGH OF HUDDERSFIELD.

MR. CHAIRMAN AND GENTLEMEN,

In conformity with the instructions of the Sanitary Authority, this report being that for the year 1924 is kept to the minimum.

It appears desirable to direct attention to the following facts :—

On page 23 of the Yorkshire Report of the 1921 Census, it is stated that there are 27,515 structurally separate dwellings occupied. On page 77 the same figure is given under the title "Total Dwellings," but on page 77 the total dwellings are given as 28,179, and in column 'g' on the same page it is stated that there were 664 structurally separate dwellings vacant on the Census night. But it is well known—it is not really open to discussion—that for many years no dwelling-house has remained vacant for any appreciable period, and that nothing like so large a number as 664 have been unlet in the Borough for several years. The explanation of the state of affairs indicated by the statement referred to in column 'g' was that the Census was taken in June, during a coal strike, and that the normal occupants of the dwellings in question were elsewhere. Therefore, it appears to be correct to state that at the Census there were 28,179 occupied dwellings in Huddersfield.

The following statement shows the present state of affairs :—

| | |
|---|---|
| No. of houses at Census, 1921 ... ... ... ... | 28,179 |
| No. of houses erected from time of Census to end of 1921 | 75 |
| ,, ,, in 1922 ... ... ... ... | 169 |
| ,, ,, in 1923 ... ... ... ... | 233 |
| ,, ,, in 1924 ... ... ... ... | 323 |
| | 28,979 |
| No. of houses demolished 1922, 1923, 1924 ... ... | 28 |
| | 28,951 |

The Registrar-General estimates the population of Huddersfield at 111,800. On this basis the number of persons per house is 3.8, but at the 1901 Census the corresponding figure was 4.25, at the 1911 Census it was 4.17, and at the 1921 Census it was 4.00.

If these figures are accurate, there is less overcrowding in Huddersfield at the present time, and consequently a less acute housing problem than there was in 1901 and 1911, when there was nothing like the present outcry about the shortage of housing accommodation for the people.

No one in possession of adequate information can question that at the present time there is grievous lack of dwellings for the people of the Borough. In my opinion, the true explanation is that the population is very substantially under-estimated by the Registrar-General.

It seems too long to wait until 1931 for a reliable knowledge of the number of inhabitants of the Borough.

I am, Gentlemen,

Faithfully yours,

S. G. Moore.

M.D., D.P.H.,

Medical Officer of Health.

# ABSTRACT.

1. **Situation of the Borough.**—Latitude 53° 39′ 7″ N.; Longitude 1° 47′ 30″ W.

2. **Elevation.**—Varies from 150 feet to 1200 feet above Sea Level.

3. **Area of the Borough.**—11,875 acres.

4. **Population.**—1921 Census, 110,102; estimated by the Registrar General at middle of 1924, 111,800, for calculating death, mortality, and birth rates.

5. **Density of Population.**—For the Borough 9.3 persons per acre.

6. **Number of Inhabited Houses.**—(1921) ... ... ... 28,179
   ,, ,, ,, (1924) ... ... ... 28,951

7. **Number of Families or Separate Occupiers.**—(1921) ... 27,846

8. **Rateable Value.**—£829,439 15s. 0d.

9. **Sum represented by 1d. Rate.**—£3,250

10. **Marriages.**—Number during the year, 1043; rate per 1,000 of the population, 9.3.

11. **Births.**—Males ... ... 813 } Total 1627.
    Females ... 814 }
    Rate ... 14.33.

12. **Deaths.**—Males ... ... 761—Rate ... 6.7
    Females ... 826—Rate ... 7.27
    Total ... 1587—Rate ... 13.97

Annual rate of mortality, 13.97.

Mean rate during years 1915–1924, 14.31.

Total deaths from zymotic diseases, 38.

Annual rate of mortality do. 0.33.

Mean rate of mortality do. years 1915–1924, 0.43.

NOTE.—"Rate" = per 1,000 per annum. All rates are calculated on the Registrar General's figure.

## NATURAL AND SOCIAL CONDITION OF THE DISTRICT.

Population Census, 1921 ... ... ... ... ... 110,102

Estimated 1924 Registrar General's figure ... ... ... 111,800

Physical Features and General Character of the District, see Annual Report, 1914.

Chief Occupation of Inhabitants—Woollen Manufacturing, Engineering and Synthetic Dyes.

Poor Law Relief—Superintended entirely by the Guardians.

## SANITARY ACCOMMODATION IN HUDDERSFIELD.

| | 1920 | 1921 | 1922 | 1923 | 1924 |
|---|---|---|---|---|---|
| Number of clean water closets, including trough closets ... | 13,020* | 13,481* | 13,615* | 14,181* | 14,859* |
| Number of waste water (slop) closets ... ... ... | 201 | 200 | 200 | 198 | 196 |
| Number of tub closets ... ... | 14,445† | 14,257† | 14,092† | 12,947† | 12,762† |
| Number of tubs in use ... ... | 14,911† | 14,688† | 14,523† | 13,378† | 13,193† |
| Number of ashpits in use ... | 5,298† | 4,505† | 3,063† | 63† | 63† |
| Number of ashbins in use ... | 9,749† | 8,956† | 12,183† | 22,137† | 22,726† |
| Number of existing privy middens ... ... ... | 214† | 194† | 274‡ | 268† | 195† |

* These figures are supplied by the Waterworks Manager.

† This information was supplied by the Scavenging Superintendent.

‡ Reason for increase, due to Census of privies being taken, and a number found to be emptied by farmers, and not previously emptied by Corporation.

### Closet conversions during the period 1915–1924 carried out under Sanitary Notices.

Privies with fixed receptacles converted to clean water closets 105

Privies with movable receptacles converted to clean water closets 894

Slop water closets converted to clean water closets ... ... 10

NOTE. In every case where a sufficient sewer and water supply is available, all new closets erected must be on the water carriage system, and be flushed with clean water.

## REMOVAL OF NUISANCES.

| | |
|---|---|
| Drains requiring Re-construction ... ... ... ... | 20 |
| ,, ,, connecting with main sewer ... ... | 9 |
| ,, not efficiently trapped ... ... ... ... ... | 7 |
| ,, requiring Ventilation Shafts ... ... ... ... | 15 |
| Defective Sink Pipes and Drains ... ... ... ... | 115 |
| ,, Yard Drains ... ... ... ... ... ... | 221 |
| ,, Cellar Drains ... ... ... ... ... | 26 |
| ,, Eave and Fall Pipes ... ... ... ... | 58 |
| ,, Roofing ... ... ... ... ... ... | 32 |
| ,, Urinals ... ... ... ... ... ... | 2 |
| ,, Water Closets ... ... ... ... ... | 48 |
| ,, Woodwork or Plaster round Sink ... ... ... | 4 |
| ,, Plaster of Walls ... ... ... ... ... | 31 |
| ,, Floors ... ... ... ... ... ... | 6 |
| Waste Pipes requiring Disconnecting ... ... ... | 25 |
| Fall Pipes requiring Disconnecting ... ... ... ... | 15 |
| To provide Eave and Fall Pipes ... ... ... ... | 1 |
| ,, Sinkstones in Houses ... ... ... ... | 14 |
| Nuisances from Water in Cellar ... ... ... ... | 14 |
| ,, Cesspools ... ... ... ... ... ... | 4 |
| ,, Street Gullies ... ... ... ... ... | 48 |
| ,, Defective Surface of Yard ... ... ... | 8 |
| ,, Smoke ... ... ... ... ... ... | 8 |
| ,, Poultry, Pigeons, and Animals ... ... ... | 9 |
| Offensive Accumulations ... ... ... ... ... | 23 |
| ,, Ashpits and Privies ... ... ... ... ... | 7 |
| ,, Swill Tubs ... ... ... ... ... ... | 1 |
| Closets requiring Lime-washing ... ... ... ... | 1 |
| Ashpits requiring Re-construction ... ... ... ... | 2 |
| ,, requiring proper doors and covering ... ... | 8 |
| Closets ,, ,, ,, ... ... | 1 |
| Old Privies requiring alteration to tub or w.c. system ... | 50 |
| Tub Closets requiring conversion to w.c. system ... ... | 26 |
| Tippler Closets ,, ,, ,, ... ... | 2 |
| Insufficient Closet Accommodation ... ... ... ... | 45 |
| Houses Overcrowded ... ... ... ... ... ... | 2 |
| ,, Unfit for Habitation ... ... ... ... ... | 2 |
| ,, Requiring Cleansing ... ... ... ... ... | 9 |
| ,, Requiring Ventilation ... ... ... ... | 60 |
| ,, Damp ... ... ... ... ... ... ... | 30 |
| ,, Requiring Water Supply ... ... ... ... | 5 |
| Workshops requiring Lime-washing ... ... ... ... | 1 |
| ,, ,, Ventilation ... ... ... ... | 3 |
| Cowsheds requiring Lime-washing ... ... ... ... | |
| ,, ,, Ventilation ... ... ... ... | |
| ,, ,, Drainage ... ... ... ... .. | |
| ,, ,, Yard Paving ... ... ... ... | |
| *,, ,, Water Supply ... ... ... ... | |
| ,, ,, Lighting ... ... ... ... ... | |
| ,, ,, Reconstruction ... ... ... ... | |
| ,, ,, Repairs to Floor ... ... ... | |
| ,, ,, ,, Roofing ... ... ... | |
| Bakehouses requiring Lime-washing or Cleansing ... ... | 1 |
| Factories requiring Fire Escape ... ... ... ... | 1 |
| Total ... ... ... ... | 1020 |

* This work is not now done by the Medical Officer of Health.

## SUMMARY.

| | 1st Quarter. | 2nd Quarter | 3rd Quarter. | 4th Quarter. | Totals. |
|---|---|---|---|---|---|
| No. of Premises where Notifiable diseases have occurred ... ... ... ... ... | 236 | 191 | 179 | 181 | 787 |
| Do. inspected do. do. | 117 | 144 | 154 | 132 | 547 |
| Do. disinfected do. do. | 73 | 78 | 89 | 73 | 313 |
| Do. flushed do. do. | 79 | 110 | 102 | 93 | 384 |
| Do. visited searching for fever ... ... ... | 297 | 401 | 345 | 654 | 1697 |
| Number of re-visits where cases are isolated at home | 15 | 51 | 26 | 42 | 134 |
| Do. houses visited for Zymotic or other particulars | 102 | 115 | 137 | 119 | 473 |
| Total number of visits to infected houses ... ... | 487 | 645 | 597 | 888 | 2617 |
| Cases removed to Hospital, &c. ... ... ... | 85 | 97 | 104 | 90 | 376 |
| Number of Articles disinfected by Lyon's Disinfector | 1325 | 1412 | 1267 | 1414 | 5418 |
| Number of visits in deaths from Phthisis ... ... | 34 | 28 | 29 | 26 | 117 |
| Do. Under one ... ... | 48 | 52 | 21 | 35 | 156 |
| Number of premises flushed by request of owners (paid for) ... ... ... ... ... ... | 157 | 242 | 179 | 180 | 758 |
| Other premises, yards or courts flushed ... ... | 190 | 195 | 171 | 219 | 775 |
| Drains found choked by Flushers ... ... ... | 249 | 335 | 214 | 307 | 1105 |
| Drains made clear ... ... ... ... ... | 232 | 310 | 198 | 289 | 1029 |
| Number of applications received to empty Ashpits and Privies ... ... ... ... | 34 | 30 | 14 | 11 | 89 |
| Do. do. do. Receptacles | 3 | 4 | 14 | 2 | 23 |
| Nuisances reported to Public Health Department ... | 125 | 147 | 152 | 135 | 559 |
| Do. inspected ... ... ... ... ... | 125 | 147 | 152 | 135 | 559 |
| Inspection of premises where nuisances are found ... | 147 | 198 | 181 | 217 | 743 |
| Do. premises where no nuisances are found... | 416 | 446 | 488 | 928 | 2278 |
| Do. premises where offensive trades are conducted ... ... ... | 64 | 56 | 37 | 26 | 183 |
| Do. Cellar Dwellings ... ... ... ... | 5 | 3 | 7 | 3 | 18 |
| Do. Houses let in lodgings ... ... ... | 5 | — | 2 | — | 7 |
| Do. Common Lodging Houses ... ... | 150 | 132 | 111 | 111 | 504 |
| Do. Workshops ... ... ... ... | 19 | 12 | 11 | 25 | 67 |
| Do. Factories ... ... ... ... ... | 44 | 28 | 29 | 22 | 123 |
| Do. Schools ... ... ... ... ... | 29 | 16 | 4 | 2 | 51 |
| Do. Slaughter Houses ... ... ... ... | 128 | 147 | 117 | 111 | 503 |
| Do. Canal Boats ... ... ... ... | 11 | 3 | 20 | 11 | 45 |
| Do. Dairies and Milkshops ... ... ... | 23 | 12 | 1 | — | 36 |
| Do. Cowsheds ... ... ... ... ... | 337 | 327 | 145 | 263 | 1072 |
| Do. Bakehouses ... ... ... ... | 4 | 131 | 12 | 104 | 251 |
| Do. Markets and Shops ... ... ... | 376 | 409 | 334 | 347 | 1466 |
| Do. Van Dwellings ... ... ... ... | — | 170 | 164 | 4 | 338 |
| Re-visits to work in progress ... ... ... ... | 356 | 286 | 203 | 279 | 1124 |
| Visits to property under notice ... ... ... | 1191 | 1051 | 1045 | 1182 | 4469 |
| Total number of Inspections of Premises ... ... | 3305 | 3427 | 2911 | 3635 | 13278 |
| No. of Entries in Report Books ... ... ... | 115 | 156 | 135 | 174 | 580 |
| Preliminary Notices to Owners ... ... ... | 59 | 60 | 48 | 83 | 250 |
| Number of Legal Notices issued for abatement or abolition of nuisances ... ... ... ... | 44 | 29 | 26 | 32 | 131 |
| Owners seen personally ... ... ... ... | 227 | 288 | 277 | 339 | 1131 |
| Summonses taken out ... ... ... ... ... | — | — | 1 | — | 1 |
| Sections of New Drains tested ... ... ... | 31 | 23 | 32 | 28 | 114 |
| Do. and satisfactory at first test ... ... | 31 | 23 | 32 | 28 | 114 |
| Old Drains tested ... ... ... ... ... | 55 | 67 | 29 | 57 | 208 |
| Do. and found sound ... ... ... | 28 | 35 | 21 | 32 | 116 |
| Do. and found defective ... ... | 27 | 32 | 8 | 25 | 92 |
| Smoke observations taken ... ... ... ... | 89 | 103 | 111 | 32 | 335 |
| Number of visits under Food and Drugs Acts ... | 84 | 102 | 101 | 69 | 356 |
| Food and Drugs samples purchased ... ... | 65 | 83 | 86 | 81 | 315 |
| Do. do. adulterated ... ... | — | — | 1 | 2 | 3 |
| Water Samples taken for Analysis ... ... ... | 1 | — | 1 | 7 | 9 |
| Do. polluted ... ... ... ... | 1 | — | 1 | 5 | 7 |
| No. of visits under Fertilizers & Feeding Stuffs Acts | — | — | 1 | — | 1 |
| Do. samples procured ... ... ... ... | — | — | 1 | — | 1 |
| No. of Animals inspected by Vet. Inspector ... | 2078 | 1916 | 1086 | 1653 | 6733 |
| Do. certified by Vet. Insp. to be tubercular ... | 1 | — | 1 | — | 2 |

## DAIRIES, COWSHEDS AND MILKSHOPS.

*See Prefatory Letter, 1923 Annual Report.*

# FOOD INSPECTION.

## FOOD AND DRUGS ACTS, 1875 TO 1907.

**Report of Action taken under the above-named Acts in the County Borough of Huddersfield during the year 1924.**

### 1.—ARTICLES ANALYSED.

| | | |
|---|---|---|
| New Milk ... ... ... | 135 | Of this number 1 was certified as adulterated |
| Butter ... ... ... | 31 | Of this number 1 was certified as adulterated |
| Margarine ... ... ... | 13 | |
| Cream ... ... ... | 3 | |
| Preserved Cream ... ... | 12 | |
| Lard ... ... ... | 19 | |
| Coffee ... ... ... | 20 | |
| Baking Powder ... ... | 3 | |
| Arrowroot ... ... ... | 17 | |
| Compound Liquorice Powder | 4 | |
| Pepper ... ... ... | 12 | |
| Miscellaneous ... ... | 50 | Of this number 1 was certified as adulterated |
| Total ... | 319 | Of this number 3 were certified as adulterated |

### 2.—DETAILS OF THE SAMPLES REPORTED BY THE PUBLIC ANALYST TO BE ADULTERATED.

| No. | Article. | Result of Analysis. | Proceedings. |
|---|---|---|---|
| 77 | New Milk (Formal) | Not genuine by reason of the abstraction therefrom of at least 13.33% of its milk fat or the addition thereto of water | Case heard Aug. 20th, 1924. Defendant fined £1 |
| 128 | Butter (Informal) | This sample contains 16.7% of water which is more than that allowed by the Board of Agriculture for genuine butter by 0.7% | Further sample taken. Proved genuine butter |
| 183 | Dried Milk (Informal) | This sample was deficient in fat to the extent of 1% | Vendor seen and warned by Chief Inspector |

### 3. OFFENCES OTHER THAN ADULTERATION. None.

### 4.—LEGAL PROCEEDINGS.

| Date. | No. of Sample. | Offence charged. | Name of Defendant. | Result. |
|---|---|---|---|---|
| Aug. 20 1924 | 77 | Selling new milk which had been deprived of at least 13.33% of its fat. | L. B. for E. B. | Fined £1 |

## INFORMAL PROCEEDINGS.

During the year 187 samples were obtained informally, and submitted to Public Analyst for analysis. These are included in the foregoing statements.

The nature and number of the samples obtained informally were as follows :—

| | |
|---|---|
| New Milk ... ... ... ... ... ... | 3 |
| Butter ... ... ... ... ... ... ... | 31 |
| Coffee ... ... ... ... ... ... ... | 20 |
| Dried Milk ... ... ... ... ... ... | 6 |
| Compound Liquorice Powder ... ... ... | 4 |
| Margarine ... ... ... ... ... ... | 13 |
| Pepper ... ... ... ... ... ... ... | 12 |
| Baking Powder ... ... ... ... ... | 3 |
| Arrowroot ... ... ... ... ... ... | 17 |
| Pure Cream ... ... ... ... ... .. | 3 |
| Preserved Cream ... ... ... ... ... | 12 |
| Lard ... ... ... ... ... ... ... | 19 |
| Miscellaneous ... ... ... ... ... ... | 44 |
| Total ... ... ... ... | 187 |

## INVESTIGATION OF THE BACTERIOLOGICAL CONTENT OF THE MILK SUPPLY.

During the year 1924, 72 samples of milk were submitted for bacteriological examination, with the following results :—

| | |
|---|---|
| Average number of organisms per c.c. on gelatine at room temperature ... ... ... ... ... | 1,447,516 |
| Maximum number of organisms per c.c. on gelatine at room temperature ... ... ... (more than) | 10,000,000 |
| Minimum ditto ... ... ... ... ... ... | 3,620 |
| Average number of organisms per c.c. on agar at 37° C | 1,299,344 |
| Maximum number of organisms per c.c. on agar at 37° C (more than) | 10,000,000 |
| Minimum ditto ... ... ... ... ... ... | 4,470 |

Out of the total number of samples 5 caused tuberculosis in guinea pigs on inoculation.

Forty-nine contained micro-organisms indicating fæcal contamination in 1/100 c.c. of milk.

Two guinea pigs were inoculated from each sample ; 15 died, 12 of which were attributed to blood poisoning as the result of inoculation before the period necessary for the development of tuberculosis (if present) had elapsed, and in 3 cases the cause was not stated.

## MILK (SPECIAL DESIGNATIONS) ORDERS, 1922 AND 1923.

One Licence to sell milk as "Certified" has been granted

## PUBLIC HEALTH (MILK AND CREAM) REGULATIONS 1912 AND 1917.

Report on the Administration of the above-named Regulations in the County Borough of Huddersfield during the year 1924.

The procedure remains as last year.

The details are set out below :—

### 1.—Milk and Cream not sold as Preserved Cream.

| | (a) No. of samples examined for the presence of a preservative. | (b) No. in which a preservative was reported to be present |
|---|---|---|
| Milk ... | 135 ... | — |
| Cream ... | 3 ... | — |

### 2.—Cream sold as Preserved Cream.

(a) Instances in which the samples have been submitted for analysis to ascertain if the statements on the label as to preservatives were correct :

| | |
|---|---|
| 1. Correct statements made ... ... | 12 |
| 2. Statements incorrect ... ... ... | — |
| Total ... ... ... ... | 12 |

| | Percentage of Preservative found in each sample. | Percentage stated on Statutory label. |
|---|---|---|
| Sample No. 64 | contained 0.36% of Boric Acid. | Not exceeding 0.4%. |
| .. 65 | .. 0.36% .. | .. .. |
| .. 71 | .. 0.15% .. | .. .. |
| .. 75 | .. 0.22% .. | .. .. |
| .. 85 | .. 0.15% .. | .. .. |
| .. 90 | .. 0.23% .. | .. .. |
| .. 154 | .. 0.04% .. | .. .. |
| .. 155 | .. 0.05% .. | .. .. |
| .. 156 | .. 0.021% .. | .. .. |
| .. 157 | .. 0.021% .. | .. .. |
| .. 163 | .. 0.058% .. | .. .. |
| .. 166 | .. 0.056% .. | .. .. |

(b) Determinations made of milk fat in cream sold as preserved cream :—

| | |
|---|---|
| 1. Above 35 per cent. ... ... ... | 12 |
| 2. Below 35 per cent. ... ... ... | — |
| Total ... ... ... ... ... | 12 |

(c) Instances where (apart from analysis) the requirements as to labelling or declaration of preserved cream in Article V. (1), and the proviso in Article V. (2) of the Regulations have not been observed.—None.

(d) Particulars of each case in which the Regulations have not been complied with, and action taken.—None.

### 3.—Thickening Substances.

Any evidence of their addition to cream or to preserved cream. Action taken where found.—None.

### 4. Other Observations.—None.

No preservatives or colouring matters were found.

## MEAT INSPECTION.

There are ten Private Slaughter Houses still in the Borough. They are all licensed.

| | In 1914. | In January, 1923. | In January, 1924. |
|---|---|---|---|
| Registered ... | — | — | — |
| Licensed ... | 13 | 10 | 10 |
| Total ... | 13 | 10 | 10 |

There is also a Public Abattoir where supervision is kept during killing hours. The Private Slaughter Houses are visited by the District Inspectors when killing is likely to be taking place.

The number of carcases condemned wholly or partly was 103 and 82 respectively.

### Carcases Wholly or Partly Condemned and Destroyed.

#### Table A.

| Animals. | Wholly. | Partly. | Totals. |
|---|---|---|---|
| Cows ... ... ... | 12 | 13 | 25 |
| Heifers ... ... ... | 4 | 1 | 5 |
| Bullocks ... ... ... | 2 | 8 | 10 |
| Calves ... ... ... | 13 | — | 13 |
| Sheep ... ... ... | 28 | 1 | 29 |
| Pigs ... ... ... | 44 | 59 | 103 |
| | 103 | 82 | 185 |

The diseases found in the carcases in the Public Abattoir and throughout the Borough are enumerated in Table B.

#### Table B.

| Disease. | Cows. | Bullocks. | Heifers. | Calves. | Pigs. | Sheep. | Totals. |
|---|---|---|---|---|---|---|---|
| Tuberculosis ... ... | 12 | 4 | 4 | 1 | 42 | — | 63 |
| Jaundice ... ... | — | — | — | 6 | 22 | — | 28 |
| Peritonitis ... ... | 4 | 4 | 1 | — | 4 | 1 | 14 |
| Pyæmia ... ... | 4 | — | — | — | — | — | 4 |
| Moribund (Accidents) | 2 | 2 | — | 6 | 19 | 14 | 43 |
| Emaciation ... ... | 3 | — | — | — | 6 | 4 | 13 |
| Swine Erysipelas ... | — | — | — | — | 10 | — | 10 |
| Strongylus Rufescens | — | — | — | — | — | 10 | 10 |
| | 25 | 10 | 5 | 13 | 103 | 29 | 185 |

## Table C.

The total weight of meat, unwholesome, or unsound, and destroyed was as follows :—

| | |
|---|---|
| Beef ... ... ... ... ... | 15,681 lbs. |
| Mutton ... ... ... ... | 1,820 lbs. |
| Pork ... ... ... ... ... | 7,687 lbs. |
| Veal ... ... ... ... ... | 922 lbs. |
| Offals ... ... ... ... ... | 10,187 lbs. |
| | 36,297 lbs. |

## Other Articles of Food.

| | |
|---|---|
| Rabbits ... ... ... ... | 72 lbs. |
| Fish ... ... ... ... ... | 266 lbs. |
| Vegetables (Potatoes) ... ... | 5,376 lbs. |
| Tinned Foodstuffs ... ... ... | 1,252 lbs. |
| Sausages ... ... ... ... | 42 lbs. |
| Geese ... ... ... ... ... | 220 lbs. |
| Turkeys ... ... ... ... | 204 lbs. |

# TABLE D.

## Shewing the Number of Animals Slaughtered, also Carcases Condemned in the Public Abattoir (1), and Private Slaughter Houses (2).

| MONTHS. | 1—PUBLIC ABATTOIR. | | | | | | | | | | | | | | | 2—PRIVATE SLAUGHTER HOUSES. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ANIMALS SLAUGHTERED. | | | | | CARCASES CONDEMNED. | | | | | WEIGHT OF CONDEMNED CARCASES | | | | | ANIMALS SLAUGHTERED. | | | | |
| | Cattle. | Calves. | Pigs. | Sheep. | Totals. | Cattle. | Calves. | Pigs. | Sheep. | Totals. | Cattle. | Calves. | Pigs. | Sheep. | Totals. | Cattle. | Calves. | Pigs. | Sheep. | Totals. |
| 1924 | | | | | | | | | | | Lbs. | Lbs. | Lbs. | Lbs. | Lbs. | | | | | |
| January ... | 758 | 150 | 638 | 1896 | 3442 | — | 1 | 3 | 1 | 5 | — | 60 | 354 | 112 | 526 | 44 | 12 | 486 | 49 | 591 |
| February .. | 661 | 173 | 577 | 1590 | 3001 | 3 | — | 1 | — | 4 | 1590 | — | 181 | — | 1771 | 44 | 6 | 195 | 69 | 314 |
| March ... | 629 | 263 | 541 | 1684 | 3117 | 1 | — | 3 | 5 | 9 | 802 | — | 476 | 437 | 1715 | 15 | 2 | 183 | 39 | 239 |
| April ... | 797 | 246 | 603 | 2213 | 3859 | — | 2 | 2 | 2 | 6 | — | 124 | 280 | 142 | 546 | 87 | 13 | 110 | 146 | 356 |
| May ... | 707 | 211 | 562 | 1936 | 3416 | 3 | 4 | 7 | 5 | 19 | 1714 | 334 | 1309 | 168 | 3525 | 34 | 4 | 290 | 59 | 387 |
| June ... | 582 | 120 | 289 | 2095 | 3086 | 2 | — | — | — | 2 | 1155 | — | — | — | 1155 | 29 | — | 152 | 61 | 242 |
| July ... | 646 | 120 | 328 | 2682 | 3776 | 5 | — | 6 | 4 | 15 | 3040 | — | 700 | 296 | 4036 | 73 | 16 | 42 | 149 | 280 |
| August ... | 534 | 110 | 369 | 2102 | 3115 | — | 1 | 7 | 1 | 9 | — | 64 | 1167 | 65 | 1296 | — | — | 180 | — | 180 |
| September | 537 | 150 | 418 | 1697 | 2802 | — | 2 | — | — | 2 | — | 134 | — | — | 134 | 18 | 3 | 19 | 56 | 96 |
| October ... | 742 | 276 | 848 | 1879 | 3714 | — | 1 | 3 | 1 | 5 | — | 60 | — | — | 60 | 49 | 6 | 350 | 115 | 520 |
| November... | 725 | 211 | 651 | 1558 | 3145 | 3 | — | 1 | 2 | 6 | 1668 | — | 145 | 168 | 1981 | 40 | 4 | 187 | 73 | 304 |
| December | 755 | 227 | 1356 | 1607 | 3945 | 1 | 2 | 11 | 7 | 21 | 600 | 146 | 1437 | 410 | 2593 | 60 | 6 | 307 | 154 | 527 |
| | 8073 | 2257 | 7180 | 22939 | 40448 | 18 | 13 | 44 | 28 | 103 | 10569 | 922 | 6049 | 1798 | 19338 | 493 | 72 | 2501 | 970 | 4036 |

PRIVATE SLAUGHTER HOUSES.—No. of Carcases Condemned, 9; Weight of Condemned Carcases, 1038 Lbs.

# FACTORIES, WORKSHOPS, WORKPLACES, AND HOMEWORK.

## 1. INSPECTION.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

| Premises. | Inspections. | Number of Written Notices. | Prosecutions |
|---|---|---|---|
| **Factories** ... ... ... ... ... (Including Factory Laundries) ... | 123 | 3 | ... |
| **Workshops** ... ... ... ... ... (Including Workshop Laundries) **Workplaces** ... ... ... ... ... | 318 | 1 | ... |
| Total ... ... ... | 441 | 4 | ... |

## 2.—DEFECTS FOUND.

| Particulars | Number of Defects. Found. | Remedied. | Referred to H.M. Inspector | Number of Prosecutions |
|---|---|---|---|---|
| *Nuisances under the Public Health Acts* :—* | | | | |
| Want of cleanliness ... ... ... | 4 | 4 | ... | ... |
| Want of ventilation ... ... ... | 2 | 2 | ... | ... |
| Overcrowding ... ... ... | ... | ... | ... | ... |
| Want of drainage of floors ... ... | ... | ... | ... | ... |
| Other nuisances, including emission of black smoke ... ... ... | 6 | 6 | ... | ... |
| Sanitary accommodation — insufficient ... | ... | ... | ... | ... |
| Sanitary accommodation — unsuitable or defective ... | 7 | 7 | ... | ... |
| Sanitary accommodation — not separate for sexes ... ... | ... | ... | ... | ... |
| *Offences under the Factory and Workshop Act :—* | | | | |
| Illegal occupation of underground bakehouses (S. 101) ... ... | ... | ... | ... | ... |
| Breach of special sanitary requirements for bakehouses (SS. 97 to 100) ... ... ... ... | ... | ... | ... | ... |
| Other offences, including escape in case of fire ... ... ... ... | ... | ... | ... | ... |
| (Excluding offences relating to outwork which are included in Part 3 of this Report). | 2 | 2 | | |
| Total ... ... ... | 21 | 21 | ... | ... |

* Including those specified in sections 2, 3, 7, and 8 of the Factory and Workshop Act, 1901, as remediable under the Public Health Acts.

## 3.—HOME WORK.

| Class. | Number of Lists. | Number of Out-workers: Contractors. | Number of Out-workers: Workmen |
|---|---|---|---|
| List of Outworkers (S. 107) :— | | | |
| List received from Employers twice per year ... | 2 | — | 9 |
| ,, ,, ,, ,, once ,, ... | 3 | 1 | 7 |
| Prosecutions ... ... ... ... ... ... | | — | |

| | Wearing Apparel. | Other. |
|---|---|---|
| Outwork in unwholesome premises (S. 108) ... | | |
| Cases of infectious diseases notified in home workers' premises ... ... ... ... ... | Nil. | |
| Orders prohibiting homework in infected premises (S.110) ... ... ... ... ... ... | | |

## 4.—REGISTERED WORKSHOPS.

Workshops on the Register (S. 131) at the end of the year.

| | | |
|---|---|---|
| Important classes of workshops, such as workshop bakehouses, may be enumerated here. | Clothing and similar trades ... ... ... | 211 |
| | Leather ,, ... ... ... | 124 |
| | Iron and Tin ,, ... ... ... | 94 |
| | Wood ,, ... ... ... | 75 |
| | Lead and Paint ,, ... ... ... | 70 |
| | Jewellery ,, ... ... ... | 30 |
| | Bakehouses ... ... ... ... | 129 |
| | Miscellaneous Trades and Manufactures ... | 145 |
| | Total number of Workshops on Register ... | 878 |

## 5.—OTHER MATTERS.

| | | |
|---|---|---|
| Matters notified to H.M. Inspector of Factories :— | | |
| Failure to affix Abstract of the Factory and Workshop Acts (S. 133, 1901) ... ... ... ... ... ... ... | | |
| Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Acts (S. 5, 1901) | Notified by H.M. Inspector ... ... | 14 |
| | Reports (of action taken) sent to H.M. Inspector ... ... | 14 |
| Other ... ... ... ... ... ... ... ... | | — |
| Underground Bakehouses (S. 101) : | | |
| Certificates granted during the year ... ... ... ... | | — |
| In use at the end of the year ... ... ... ... ... | | 6 |

## CLASSIFIED LIST OF WORKSHOPS.

| | On Register Dec. 31st, 1923. | | Added during 1924. | | Removed during 1924 | | Remaining Dec. 31st, 1924. | |
|---|---|---|---|---|---|---|---|---|
| | Central District. | Outer Districts | Central District. | Outer Districts. | Central District. | Outer Districts. | Central District | Outer Districts |
| Dress and Mantle Makers and Milliners, Tailors, Waterproof Manufacturers, &c. ... ... ... | 141 | 58 | 9 | 2 | 4 | 3 | 146 | 57 |
| Boot and Shoe Makers Cloggers, Saddlers and Curriers ... ... ... ... ... ... | 55 | 72 | — | — | 2 | 1 | 53 | 71 |
| Black, Shoeing, Tin, and White Smiths; Cycle Repairers, &c. ... ... ... ... ... | 51 | 40 | 1 | 2 | — | | 52 | 42 |
| Joiners, Cabinet Makers, Wood Carvers, Picture Framers and Gilders ... ... ... ... | 32 | 29 | 1 | — | 2 | — | 31 | 29 |
| Plumbers, Painters and French Polishers ... ... | 38 | 27 | 5 | 1 | 1 | — | 42 | 28 |
| Coopers, Carriage Builders, and Wheelwrights ... | 9 | 8 | — | — | 1 | 1 | 8 | 7 |
| Watchmakers, Jewellers, Engravers, and Electrical Engineers ... ... ... ... ... ... | 26 | 6 | — | | 1 | 1 | 25 | 5 |
| Rug Makers and Rag and Wool Sorters ... ... | 24 | 6 | — | 1 | — | — | 24 | 7 |
| Upholsterers, Basket and Brush Makers ... ... | 26 | 5 | — | — | 1 | — | 25 | 5 |
| Hosiery Knitters, Shirt Makers, and Laundries ... | 4 | 4 | — | — | — | — | 4 | 4 |
| Monumental Sculptors ... ... ... ... ... | 1 | 4 | — | — | | | 1 | 4 |
| Organ Builders, Piano Repairers, &c. ... ... | 5 | — | — | — | — | — | 5 | — |
| Tripe Dressers ... ... ... ... ... ... | 6 | 1 | — | — | — | — | 6 | 1 |
| Bakehouses ... ... ... ... ... ... | 44 | 83 | — | 4 | 2 | — | 42 | 87 |
| Manufacturing Chemists; Mattress, Corset, Blind, and Waggon Cover Makers; Wire Workers, Tea Packers, Teazle Trimmers, Rope Makers, Tallow Chandlers, &c., &c. ... ... ... ... | 49 | 19 | 1 | — | 2 | — | 48 | 19 |
| | 511 | 362 | 17 | 10 | 16 | 6 | 512 | 366 |
| | 873 | | 27 | | 22 | | 878 | |

# CANAL BOATS ACTS, 1877 and 1884.

## Huddersfield Registration District.

(1). Arrangements made for the inspection of boats, the name, address, and remuneration of the Inspector.

Ernest Richardson, Public Health Department, Huddersfield, was appointed Inspector of Canal Boats on the 10th day of October, 1917, and the remuneration for the work is included in his salary as Sanitary Inspector.

(2). The number of boats inspected during 1924, was 31, and of inspections 45.

The 31 boats were made up of 9 broad boats, 8 narrow and 14 fly boats, the last being all broad boats.

The places of registry were :—Goole, 14; Mirfield, 15; Birmingham, 1; Huddersfield, 1. The whole of the boats inspected were found in good condition and conforming to the Acts and Regulations, and the occupants of all the boats in good health.

(3). Infringements of the Acts and Regulations with respect to the following matters :—

(*a*) Masters, without certificates.—None.

(*b*) Cleanliness.—None.

(*c*) Provision of water casks.—None.

(*d*) Removal of bilge water. This work receives regular attention.

Matters of cleanliness of minor moment have received prompt attention at the instigation of the Inspector.

(4) Number of boats on the register- Ten. Propelled by motor—None.

(5). Number registered during 1924—None.

In all other respects the boats were in order.

E. RICHARDSON,
Inspector under the Canal Boats Acts.

Public Health Department,
Huddersfield,
January 19th, 1925.

## CANAL BOATS ACTS, 1877 AND 1884.

### Summary Appendix to the Annual Report of the Canal Boats Inspector for the year 1924.

| | 1924 | | 1923 | | 1922 | |
|---|---|---|---|---|---|---|
| Number of boats inspected | 31 | | 32 | | 38 | |
| Made up of Broad Boats | 9 | | 11 | | 14 | |
| Broad Fly Boats | 14 | | 15 | | 23 | |
| Narrow Boats .. | 8 | | 6 | | 1 | |
| Narrow Fly Boats | .. | | .. | | .. | |
| Registered Accommodation—Aft Cabin .. | 113 | 198½ | 135 | 226½ | 197 | 362½ |
| Centre Cabin .. | .. | | .. | | .. | |
| Fore Cabin .. | 85½ | | 91½ | | 165½ | |
| Population found on board | | | | | | |
| Adults .. .. | 42 | 42 | 47 | 47 | 86 | 91 |
| Children .. .. | .. | | .. | | 5 | |
| Children under school age | None | | None | | 5 | |
| Number of children of school age .. .. | None | | None | | None | |
| Number of days on which inspections have been made .. .. .. | 13 | | 17 | | 25 | |
| Number of inspections made .. .. .. | 45 | | 45 | | 60 | |
| Number of boats conforming to Acts and Regulations .. .. .. | 31 | | 32 | | 38 | |

## HOUSING.

NUMBER OF NEW HOUSES ERECTED DURING THE YEAR 1924.

| | | |
|---|---|---|
| (*a*) Total | ... ... ... ... .. ... ... ... | 323* |
| (*b*) With State assistance under the Housing Acts, 1919, 1923, 1924— | | |
| (i) By the Local Authority | ... ... ... ... | 69* |
| (ii) By other bodies or persons | ... ... ... | 156* |

The Corporation have a scheme for building 1,500 houses under the Housing and Town Planning Acts. The following list shews the number of houses erected by the Corporation and in course of erection since 1914 :—

LIST OF HOUSES ERECTED BY THE CORPORATION.

| | |
|---|---|
| 1914 | 163 |
| 1915 | 20 |
| 1916 | 27 |
| 1917 | 0 |
| 1918 | 0 |
| 1919 | 100 |
| 1920 | 118 |
| 1921 | 61 |
| 1922 | 135 |
| 1923 | 48 |
| 1924 | 69 |
| Total | 741* |

The following statement shews the number of plans submitted and houses erected during 1924 by private enterprise, in addition to those dealt with by the Sanitary Authority :—

| | |
|---|---|
| Number of plans for dwelling-houses submitted from Jan. 1st, 1924 to Jan. 3rd, 1925, by private persons | 448* |
| Number of these houses in course of erection ... ... | 230* |
| Number not being proceeded with ... ... ... ... | 218* |
| Number of houses certified for occupation ... ... ... | 254*† |

*This information was furnished by the Borough Architect

†Of the dwellings certified for human habitation and erected by private enterprise during 1924, 171 were suitable for members of the Artisan class.

# APPENDICES.

## HOUSING CONDITIONS.

Statistics.—Year ended 3rd January, 1925.

### 1.—General.

| | | |
|---|---|---|
| (1) | Estimated population ... ... ... ... ... | 111,800 |
| (2) | General death-rate ... ... ... ... ... ... | 13.97 |
| (3) | Death-rate from Tuberculosis ... ... ... ... | 1.08 |
| (4) | Infantile Mortality ... ... ... ... ... ... | 97.00 |
| (5) | Number of dwelling-houses of all classes ... ... | 28,951 |
| (6) | Number of working-class dwelling houses ... ... | 25,744 |
| (7) | Number of new working-class houses erected ... ... | 243 |

### 2.—Unfit Dwelling-houses.

I.—Inspection :—

| | | |
|---|---|---|
| (1) | Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ... ... ... ... ... ... | 56 |
| (2) | Number of dwelling-houses which were inspected and recorded under the Housing (Inspection of Districts Regulations, 1910) ... ... ... | 56 |
| (3) | Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... ... ... ... | 4 |
| (4) | Number of dwelling-houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation ... ... ... ... | 50 |

II.—Remedy of Defects without service of formal notice :—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or its officers ... ... ... ... 20

III. Action under Statutory Powers :—

A.—Proceedings under Section 28 of the Housing, Town Planning, etc. Act, 1919.

| | | |
|---|---|---|
| (1) | Number of dwelling-houses in respect of which notices were served requiring repairs ... | 50 |

(2) Number of dwelling-houses which were rendered fit :—

(*a*) By owners (notices served 1920, 1923, 1924) ... ... ... 10

(*b*) By Local Authority in default of owners ... ... ... ... —

(3) Number of dwelling-houses in respect of which closing orders became operative in pursuance of declarations by owners of intention to close ... ... ... ... ... ... —

B.—Proceedings under Public Health Acts ... ... —

C.—Proceedings under Sections 17 and 18 of the Housing, Town Planning, etc. Act, 1909 :—

(1) Number of representations made with a view to the making of Closing Orders ... ... 5

(2) Number of dwelling-houses in respect of which Closing Orders were made ... ... ... 5

(3) Number of dwelling-houses in respect of which Closing Orders were determined, the dwelling-houses having been rendered fit ... ... 2

(4) Number of dwelling-houses in respect of which Demolition Orders were made ... ... 2

(5) Number of dwelling-houses demolished in pursuance of Demolition Orders ... ... 5

### 3.—Unhealthy Areas.

Areas represented to the Local Authority with a view to Improvement Schemes under (*a*), Part I., or (*b*), Part II. of the Act of 1890 ... ... ... ... —

Staff engaged on Housing, with, briefly, the duties of each Officer :—

Two Inspectors engaged solely on Housing Work.

# HOUSING AND TOWN PLANNING, ETC., ACT, 1909.

## Report of Work done from May 1st, 1911, to December 13th, 1924.

| Year. | No. of inspections from month to month. | No. of houses re-inspected. | No. of defects found. | No. of houses involved. | No. of defects remedied without notice. | No. of defects remedied after letter, P.H. Act 1875. | No. of defects remedied after Legal Notice, P.H. Act 1875. | No. of defects remedied after letter, H.T.P. Act 1909. | No. of defects not remedied. | REMARKS. |
|---|---|---|---|---|---|---|---|---|---|---|
| 1911 | 367 | | 939 | 303 | 73 | 16 | 515 | 335 | — | |
| 1912 | 460 | | 1258 | 435 | 1 | — | 181 | 1076 | | |
| 1913 | 771 | | 1956 | 709 | — | — | 1 | 1929 | 26 | |
| 1914 | 294 | 30 | 1328 | 292 | — | — | — | 1245 | 83 | |
| 1915 | 249 | 27 | 996 | 232 | — | — | — | 986 | 10 | |
| 1916 | 288 | | 1254 | 276 | — | — | 11 | 1241 | 2 | |
| 1917 | 220 | — | 854 | 209 | — | — | 31 | 796 | 27 | |
| 1918 | 53 | — | 301 | 52 | — | — | 13 | 256 | 32 | |
| 1919 | 46 | — | 345 | 46 | — | — | 6 | 320 | 19 | |
| 1920 | 38 | 22 | 367 | 38 | — | — | — | 295 | 72 | |
| 1921 | 24 | — | 218 | 24 | 1 | 3 | — | 34 | 180 | |
| 1922 | 85 | 307 | 1436 | 369 | 100 | — | — | 225 | 1111 | |
| 1923 | 45 | | 173 | 44 | 6 | — | — | 128 | 39 | |
| 1924 | 3 | 53 | 242 | 54 | 20 | — | — | 46 | 176 | |
| | 2943 | 439 | 11667 | 3083 | 201 | 19 | 758 | 8912 | 1777 | |

Number of houses inspected ... ... ... ... ... 2943
Number of houses re-inspected ... ... ... 439
Number of houses in which defects were found ... ... 3083
Number of houses in which no defects were found ... 299
Number of houses in which defects were wholly remedied 2608
Number of houses in which defects were partially remedied 177
Number of houses in which none of the defects were remedied 298

Total number of defects found ... ... ... ... 11667
Number of defects remedied ... ... ... ... ... 9890
Total number of defects not remedied ... ... ... 1777
Percentage number of defects remedied ... ... 84·769

**TABLE SHOWING THE CASE MORTALITY** (*i.e.* **Number of Deaths per 100 Cases**) **among Patients suffering from Scarlet Fever, Diphtheria and Typhoid Fever, treated in the Mill Hill Sanatorium, and among cases of the same diseases treated at home, from the Opening of the Hospital, April, 1899, to January 3rd, 1925.**

| Disease. | Cases Notified. | Removed to Hospital. | Cases Treated at Home. | Mortality per cent. in Hospital. | Mortality per cent. at Home. |
|---|---|---|---|---|---|
| Scarlet Fever ... ... | 7567 | 7179 | 388 | 2.26 | 5.93 |
| Diphtheria ... ... | 2846 | 2450 | 396 | 7.22 | 25.76 |
| Typhoid Fever ... ... | 856 | 663 | 193 | 19.15 | 40.41 |

## NURSING ARRANGEMENTS, HOSPITALS AND OTHER INSTITUTIONS IN THE DISTRICT.

**Professional Nursing** for sick infants in the home was provided by the Queen Victoria Nursing Association.

**Midwives** are not employed or subsidised by the Sanitary Authority. In the year under review, 36 midwives (31 trained and 5 untrained) notified their intention to practise in the Borough.

Altogether there were 1,255 out of a total of 1,658 notified births attended by midwives. A doctor was present in 431 of these cases, being engaged beforehand in 260 instances and sent for on account of abnormalities in 171 cases. The midwives undertook 824 cases without medical aid.

### Clinics and Treatment Centres.

Consultation for infants is held one afternoon weekly at the Public Health Department, where infants are weighed and examined, and advice given as to their feeding and care—1,179 attendances were made during the year.

Ante-natal clinics are not held (but *vide* post notification of pregnancy).

### School Clinic.

This is conducted on the premises of the Public Health Department, is open each afternoon for the treatment of minor ailments, and two half-days a week and by special appointment for consultations and examinations. Two clinic rooms and one waiting room is provided, with an additional waiting room on the premises of the Congregational Church for special days. The clinic is maintained by the Education Authority, and is under the superintendence of the Medical Officer of Health, co-operation with the Public Health Department is therefore complete.

### Tuberculosis.

One dispensary is provided by the Sanitary Authority at which two clinics are held weekly. The Medical Officer of Health is the Chief Tuberculosis Officer, and is assisted by the Assistant Medical Officers of Health. The least satisfactory feature of this phase of the Public Health Work is the late period at which notifications of Tuberculosis are received. During the period under review, all the

entries in the death returns of persons who had died from Tuberculosis had been notified to the Sanitary Authority previously. The total number of deaths from Tuberculosis was 123.

**Venereal Diseases.**

The Huddersfield Royal Infirmary is used as the treatment centre for Venereal Diseases. Four clinics are held weekly—two for males and two for females. Four beds are provided for in-patients—two in a male ward and two in a female ward.

Two Medical Officers take charge of the clinic—Doctor A. L. McCully for the male department and Doctor J. C. Miller for the female department. An additional part-time staff is provided consisting of nurse, clerk, dispenser and male attendant.

The number of cases giving an address in Huddersfield, who attended the clinic during the period under review, were 246 males and 112 females, total 358.

## HOSPITALS AND INSTITUTIONS.

### (1) Tuberculosis.

A residential institution—Bradley Wood Sanatorium—is superintended by the Medical Officer of Health.

There is a Resident Medical Officer, Mr. R. Cunningham, M.B., D.P.H.

The main block of the Sanatorium contains 44 beds for adult cases of Pulmonary Tuberculosis. Accommodation is not provided for the treatment of Non-Pulmonary Tuberculosis in adults. One block of the Sanatorium—built and equipped by the late John Sykes, Esq., and maintained by the Sanitary Authority—contains 24 beds for Surgical Tuberculosis in children.

### (2) Maternity.

A pavilion in the grounds of the Mill Hill Sanatorium is equipped for a Maternity Ward of 12 beds. Cases are received when the accommodation at home is not suitable for the confinement.

The Sanitary Authority has provided no institution or scheme for dealing with unmarried mothers. This is dealt with on a small scale, voluntarily, at St. Katherine's Hostel, King's Mill Lane.

Abnormal cases of confinement are admitted to the Royal Infirmary.

(3) **Infectious Diseases.**

The Mill Hill Sanatorium, Dalton, for Infectious Diseases, is equipped with 132 beds in four pavilions—they are interchangeable.

(4) **Small-Pox.**

The Whitehouse Farm Small-Pox Hospital, Dalton, contains 40 beds.

**Ambulance Facilities.**

(*a*) Two Motor Ambulances are provided by the Sanitary Authority for the removal of Infectious cases.

(*b*) The Watch Committee provide Ambulances for Non-Infectious and Accident cases.

**Laboratory Work.**

The Laboratory at the Public Health Department has been of service both in the Preventative and Clinical Work of the Department. During the year 1,288 specimens were examined. Of these 60.79% were received from private practitioners, 22.2% from the Mill Hill Sanatorium, 1.09% from the Bradley Wood Sanatorium, 0.78% from the Huddersfield Royal Infirmary, and the balance forming 15.14% representing various specimens obtained by one or other member of the staff of the Public Health Department in the course of routine duty.

## MATERNITY AND CHILD WELFARE.

A scheme of voluntary notification of pregnancy was instituted in 1916. During the period under review, 568 notifications were received.

Each case is visited by an Assistant Medical Officer of Health and subsequent re-visits are made where necessary. Advice is given and where medical treatment is considered necessary, the patient is referred to her family doctor.

All notified births are visited and re-visited by the Assistant Medical Officers of Health as soon as possible after the notification of birth.

Four home helps—housekeepers—are employed to take over the household duties in the homes of maternity cases, and two daily assistants—charwomen—for washing and heavy cleaning.

### Puerperal Fever.

Six cases of Puerperal Fever were notified during 1924 and each case was investigated. The death-rate from this disease was 0.02

### Epidemic Diarrhœa.

The number of cases notified in pursuance of the Huddersfield Corporation Act, 1880, Section 65, was 6. Four notifications referred to infants under one year of age, and the remaining two to infants between the age of one and five years. No deaths occurred from this disease.

### Whooping Cough.

This is not recognised by the Sanitary Authority as a notifiable disease. The death rate for the year was 0.11.

### Ophthalmia Neonatorum.

| CASES. | | | | | | |
|---|---|---|---|---|---|---|
| Notified. | TREATED. | | Vision Unimpaired. | Vision Impaired. | Total Blindness. | Deaths. |
| | At Home. | In Hospital. | | | | |
| 18 | 18 | — | 16 | 1 R. eye blind L. eye unimpaired | — | 1 at 20 days old |

Each case of Ophthalmia Neonatorum is visited forthwith by an Assistant Medical Officer of Health, who ensures that medical treatment is forthcoming.

## SANITARY ADMINISTRATION.

Staff (exclusive of School Medical Service):—

Medical Officer of Health.

Three Assistant Medical Officers of Health.

Chief Sanitary Inspector.

Five Assistant Inspectors.

Two Inspectors under the Housing and Town Planning, etc., Act, 1909.

Infections Disease Officer.

Five Clerks.

Four Home Helps.

Two Daily Assistants.

The work of the Sanitary Inspector includes :

(*a*) Inspection of Nuisances under the Public Health Act, 1875.

(*b*) Inspection under the Housing, Town Planning, etc., Act, 1909.

(*c*) Food Inspection under the Food and Drugs Act, 1875 and 1907, and Milk and Cream Regulations, 1912.

(*d*) Inspection of Factories, Workshops, Workplaces and Home-work.

(*e*) Inspection under the Canal Boats Acts, 1877 and 1884.

## LEGAL ACTS IN FORCE IN THE DISTRICT.

| | | |
|---|---|---|
| Waterworks | ... | **Huddersfield Water Act, 1869.**<br>Waterworks Act, 1871. |
| Highways | ... | **Huddersfield Improvement Act, 1871.**<br>Highways, New Streets, Buildings, etc. |
| Health | ... | Sanitary arrangements. |
| Health | ... | **Huddersfield Waterworks and Improvement Act, 1876.**<br>Hospitals and Infectious Diseases. |
| Health | ... | **Huddersfield Improvement Act, 1880.**<br>Infectious Diseases. Conversion of Closets. |
| Health | ... | **Huddersfield Corporation Act, 1906.**<br>Infectious Diseases. |
| Health | ... | **Huddersfield Corporation Act, 1906.**<br>Milk Supply and Ice Cream. |
| Health | ... | **Huddersfield Provisional Order, 1915.**<br>Conversion of Closets. |
| Health | ... | **Huddersfield Corporation Act, 1906, Sec. 55.**<br>Provision of galvanized iron dust bins in lieu of ashes places. |
| | | **Public Health Act, Amendment Act, 1890, Section 22 adopted.**<br>Sanitary Accommodation in Factories, Workshops and Workplaces. |

## TUBERCULOSIS.

53 weeks ended January 3rd, 1925.

| Age periods. | New Cases. | | | | Deaths. | | | |
|---|---|---|---|---|---|---|---|---|
| | Pulmonary. | | Non-Pulmonary | | Pulmonary. | | Non-Pulmonary | |
| | M. | F. | M. | F. | M. | F. | M. | F. |
| 0 | 1 | — | 1 | 3 | — | — | — | 1 |
| 1 | 2 | 1 | 7 | 6 | 1 | — | 3 | — |
| 5 | 6 | 7 | 3 | 4 | — | — | — | — |
| 10 | 6 | 8 | 4 | 11 | 1 | 5 | 1 | 1 |
| 15 | 5 | 13 | 2 | 4 | 7 | 7 | — | 1 |
| 20 | 11 | 12 | 2 | 3 | 8 | 9 | — | 1 |
| 25 | 17 | 20 | 4 | 4 | 9 | 11 | 1 | 2 |
| 35 | 21 | 15 | 1 | 2 | 12 | 12 | 2 | 1 |
| 45 | 10 | 7 | 2 | 2 | 8 | 3 | 1 | 2 |
| 55 | 7 | 2 | — | 2 | 7 | 1 | — | — |
| 65 & upwards | 3 | — | — | 1 | 4 | 1 | — | — |
| Total at all ages | 89 | 85 | 26 | 42 | 57 | 49 | 8 | 9 |

# TABLE A.

Vital Statistics of Huddersfield during the Year 1924, and previous Years.

| YEAR. | Population estimated to middle of each year. | Births. Uncorrected Number. | Births. Nett. Number. | Births. Nett. Rate. | Total Deaths registered in the District. Number. | Total Deaths registered in the District. Rate. | Transferable Deaths. of Non-residents registered in the District. | Transferable Deaths. of Residents not registered in the District. | Nett Deaths belonging to the District. Under 1 Year of Age. Number. | Nett Deaths belonging to the District. Under 1 Year of Age. Rate per 1,000 nett Births | Nett Deaths belonging to the District. At all Ages. Number. | Nett Deaths belonging to the District. At all Ages. Rate. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 1911 | 108144 | 2126 | 2122 | 19.69 | 1664 | 15.44 | 84 | 55 | 281 | 132 | 1635 | 15.17 |
| 1912 | 109512 | 2060 | 2056 | 18.84 | 1540 | 14.11 | 94 | 61 | 199 | 97 | 1507 | 13.81 |
| 1913 | 110882 | 2196 | 2196 | 19.50 | 1681 | 14.92 | 101 | 84 | 227 | 103 | 1664 | 14.77 |
| 1914 | 112265 | 2030 | 2030 | 18.08 | 1690 | 15.05 | 104 | 63 | 227 | 112 | 1649 | 14.69 |
| 1915 | 112265 | 1940 | 1935 | 17.29 | 1796 | 16.05 | 90 | 124 | 212 | 109 | 1830 | 16.35 |
| 1916 | 115390 | 1905 | 1906 | 17.20 | 1747 | 15.71 | 156 | 83 | 198 | 103 | 1674 | 15.11 |
| 1917 | 107969 | 1646 | 1650 | 15.29 | 1475 | 13.29 | 123 | 79 | 132 | 80 | 1431 | 13.29 |
| 1918 | 105818 | 1575 | 1575 | 13.35 | 1737 | 16.41 | 105 | 130 | 158 | 100 | 1762 | 16.65 |
| 1919 | 105346 | 1519 | 1519 | 12.66 | 1701 | 15.81 | 107 | 98 | 144 | 95 | 1692 | 15.81 |
| 1920 | 112301 | 2106 | 2102 | 18.02 | 1546 | 13.81 | 111 | 62 | 169 | 80 | 1497 | 13.37 |
| 1921 | 116776 | 2040 | 2049 | 17.60 | 1607 | 13.8 | 126 | 70 | 178 | 87 | 1481 | 12.72 |
| 1922 | 111900 | 1837 | 1827 | 16·38 | 1503 | 13·47 | 101 | 67 | 137 | 74 | 1469 | 13·17 |
| 1923 | 111600 | 1752 | 1752 | 15.75 | 1459 | 13·11 | 115 | 60 | 126 | 72 | 1404 | 12.62 |
| 1924 | 111800 | 1666 | 1627 | 14.32 | 1689 | 14.87 | 102 | 64 | 159 | 97 | 1587 | 13.97 |

Area of District in acres (land and inland water) 11875.

Total population at all ages .. .. 110102 } At Census of 1921.

Total families or separate occupiers .. 27846 }

# TABLE B.

## Cases of Infectious Diseases notified during the year 1924.

| Notifiable Diseases. | Cases notified in whole District. At Ages—Years. | | | | | | | Total Cases notified in each Township. | | | | | | No. of Cases removed to Sanatorium from each Township. | | | | | | Total Cases removed to the Sanatorium from inside the Borough. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | At all Ages. | Under 1. | 1 to 5. | 5 to 15. | 15 to 25. | 25 to 65. | 65 and upwards. | 1 Huddersfield (including Central, Marsh, Fartown, Deighton and Bradley). | 2 Dalton (H) | 3 Almondbury. | 4 Lockwood. (W) | 5 Lindley. | 6 Longwood. | 1 Huddersfield (including Central, Marsh, Fartown, Deighton and Bradley). | 2 Dalton. (H) | 3 Almondbury. | 4 Lockwood. (W) | 5 Lindley. | 6 Longwood. | |
| Anthrax | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Diphtheria, including Membranous croup | 91 | .. | 16 | 30 | 25 | 20 | .. | 39 | 5 | 22 | 18 | 3 | 4 | 38 | 4 | 22 | 18 | 3 | 4 | 89 |
| Erysipelas | 27 | 1 | .. | .. | 5 | 16 | 5 | 9 | .. | 7 | 5 | 4 | 2 | .. | .. | .. | .. | .. | .. | .. |
| Scarlet Fever | 109 | 1 | 30 | 59 | 15 | 4 | .. | 53 | 12 | 23 | 14 | 5 | 2 | 47 | 12 | 22 | 14 | 4 | 2 | 101 |
| Enteric Fever | 38 | .. | 3 | 12 | 10 | 13 | .. | 25 | 3 | 2 | 1 | 4 | 3 | 17 | 3 | 1 | 1 | 4 | 2 | 28 |
| Puerperal Fever | 6 | .. | .. | .. | 1 | 5 | .. | 3 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| Diarrhœa (In Infants under 5 years of age) | 6 | 4 | 2 | .. | .. | .. | .. | 4 | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| Ophthalmia Neonatorum | 18 | 18 | .. | .. | .. | .. | .. | 9 | 3 | 1 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Dysentery | 2 | .. | .. | .. | .. | 2 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pneumonia | 240 | 19 | 45 | 25 | 23 | 105 | 23 | 129 | 18 | 33 | 46 | 9 | 5 | .. | .. | .. | .. | .. | .. | .. |
| Encephalitis Lethargica | 3 | .. | .. | 2 | 1 | .. | .. | 2 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Small Pox | 1 | .. | .. | .. | .. | 1 | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 1 |
| Cerebro Spinal Meningitis | 4 | .. | 1 | 1 | 1 | 1 | .. | 1 | 2 | 1 | .. | .. | .. | 1 | 2 | .. | .. | .. | .. | 3 |
| Pulmonary Tuberculosis:— M | 89 | 1 | 2 | 13 | 15 | 55 | 3 | 50 | 5 | 11 | 15 | 5 | 3 | 36 | 4 | 6 | 12 | 4 | 1 | 63 |
| Pulmonary Tuberculosis:— F | 85 | .. | 1 | 17 | 23 | 44 | .. | 52 | 6 | 9 | 10 | 3 | 5 | 30 | 3 | 8 | 6 | 2 | 4 | 53 |
| Pulmonary Tuberculosis:— Total | 174 | 1 | 3 | 30 | 38 | 99 | 3 | 102 | 11 | 20 | 25 | 8 | 8 | 66 | 7 | 14 | 18 | 6 | 5 | 116 |
| Non-Pulmonary M | 26 | 1 | 7 | 7 | 4 | 7 | .. | 17 | 1 | 3 | 4 | .. | 1 | 8 | .. | 1 | 2 | .. | .. | 11 |
| Non-Pulmonary F | 42 | 3 | 6 | 14 | 8 | 10 | 1 | 22 | 5 | 3 | 7 | 1 | 4 | 15 | 3 | 3 | 4 | 1 | 1 | |
| Non-Pulmonary Total | 68 | 4 | 13 | 21 | 12 | 17 | 1 | 39 | 6 | 6 | 11 | 1 | 5 | 23 | 3 | 4 | 6 | 1 | 1 | 38 |
| Totals | 787 | 48 | 113 | 180 | 131 | 283 | 32 | 416 | 62 | 117 | 127 | 35 | 30 | 192 | 32 | 63 | 57 | 18 | 14 | 376 |

Isolation Hospital, name and situation—Huddersfield Sanatorium, Dalton
Sanatorium for Tuberculosis—Bradley Wood, Bradley } Total available beds, 153.

# TABLE C.

## Causes of, and Ages at Death during the Year 1924.

| Causes of Death. | Nett Deaths at the Subjoined Ages of "Residents" whether occurring within or without the District. | | | | | | | | | Total Deaths whether of "Residents" or "Non-Residents" in Institutions in the District. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | All Ages. | Under 1. | 1 and under 2. | 2 and under 5. | 5 and under 15. | 15 and under 25. | 25 and under 45. | 45 and under 65. | 65 and upwards. | Infirmary | Sanatorium. | Workhouse. | Private Surgical Homes | Total in Institutions. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| causes—Certified | 1586 | 159 | 35 | 33 | 33 | 60 | 162 | 519 | 585 | 138 | 40 | 155 | 24 | 357 |
| Uncertified | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| eric Fever | 5 | .. | .. | .. | 1 | 1 | 3 | .. | .. | .. | 4 | .. | .. | 4 |
| ll Pox | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| hrax | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| sles | 16 | 3 | 9 | 4 | .. | .. | .. | .. | .. | .. | .. | 2 | .. | 2 |
| let Fever | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | .. | .. | 1 |
| oping Cough | 12 | 4 | 3 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| htheria and Croup | 4 | .. | 1 | 2 | 1 | .. | .. | .. | .. | .. | 3 | .. | .. | 3 |
| uenza | 63 | 2 | .. | 2 | 1 | 3 | 10 | 23 | 22 | 1 | .. | 3 | .. | 4 |
| sipelas | 3 | 2 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. |
| hisis (Pulmonary Tuberculosis) | 106 | .. | .. | .. | 5 | 32 | 45 | 19 | 5 | 1 | 21 | 7 | .. | 29 |
| erculous Meningitis | 7 | 1 | 2 | 2 | 1 | .. | .. | 1 | .. | 2 | .. | 1 | .. | 3 |
| er Tuberculous Diseases | 10 | .. | .. | .. | 1 | 1 | 5 | 3 | .. | 2 | 2 | 2 | .. | 6 |
| cer, malignant disease | 179 | .. | .. | .. | .. | .. | 10 | 96 | 73 | 23 | .. | 20 | 10 | 53 |
| umatic Fever | 5 | .. | .. | 1 | 1 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. |
| ingitis | 23 | 2 | 3 | 4 | 6 | 5 | 2 | 1 | .. | 3 | 3 | .. | .. | 6 |
| anic Heart Disease | 131 | .. | .. | .. | 2 | 2 | 15 | 63 | 49 | 1 | .. | 9 | .. | 10 |
| nchitis | 187 | 18 | 6 | 2 | 1 | 1 | 7 | 55 | 97 | 2 | .. | 21 | .. | 23 |
| umonia (all forms) | 114 | 28 | 7 | 7 | 3 | 3 | 14 | 34 | 18 | 3 | 1 | 7 | 1 | 12 |
| ncho Pneumonia | 51 | 21 | 5 | 6 | 2 | 3 | 2 | 7 | 5 | 2 | 1 | 1 | .. | 4 |
| er diseases of respiratory organs | 8 | 1 | .. | .. | .. | .. | 2 | 4 | 1 | .. | .. | .. | .. | .. |
| rrhœa and Enteritis | 3 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| endicitis and Typhlitis | 9 | .. | .. | 1 | .. | 1 | 3 | 2 | 2 | 13 | .. | .. | .. | 13 |
| hosis of Liver | 3 | .. | .. | .. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. |
| oholism | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| hritis & Bright's Disease | 57 | 1 | .. | .. | .. | 1 | 10 | 28 | 17 | 3 | .. | 5 | 1 | 9 |
| rperal Fever | 2 | .. | .. | .. | .. | .. | 2 | .. | .. | 1 | .. | .. | .. | 1 |
| er accidents and diseases Pregnancy & Parturition | 4 | .. | .. | .. | .. | 1 | 3 | .. | .. | 4 | .. | .. | .. | 4 |
| genital Debility and Malformation, including Premature Birth | 63 | 63 | .. | .. | .. | .. | .. | .. | .. | 1 | 4 | 5 | .. | 10 |
| lent Deaths, excluding | | | | | | | | | | | | | | |
| icide | 29 | 3 | 1 | 2 | 4 | .. | 3 | 9 | 7 | 24 | .. | .. | .. | 24 |
| cide | 10 | .. | .. | .. | .. | 1 | 1 | 6 | 2 | 1 | .. | .. | .. | 1 |
| ner Defined Diseases | 533 | 28 | 3 | 2 | 5 | 7 | 25 | 172 | 291 | 53 | 1 | 73 | 12 | 139 |
| eases ill-defined or unknown | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Totals | 1587 | 159 | 35 | 33 | 33 | 60 | 163 | 519 | 585 | 138 | 40 | 155 | 24 | 357 |
| Cerebro-spinal Meningitis | 1 | .. | .. | 1 | 1 | 1 | 1 | .. | .. | .. | 3 | .. | .. | 3 |
| Pneumonia (other than Broncho-pneumonia) | 63 | 7 | 2 | 1 | 1 | .. | 12 | 27 | 13 | 1 | .. | 6 | 1 | 8 |

ries
nded
above
res.

# TABLE D.

## Infant Mortality during the Year 1924.

Nett Deaths from stated causes at various ages under One Year of Age.

| Causes of Death. | Under 1 week. | 1-2 weeks. | 2-3 weeks. | 3-4 weeks. | Total under 4 weeks. | 4 weeks & under 3 months. | 3 months & und'r 6 months. | 6 months & und'r 9 months. | 9 months & und'r 12 months. | Total Deaths under 1 Year. |
|---|---|---|---|---|---|---|---|---|---|---|
| All Causes — | | | | | | | | | | |
| Certified .. .. .. | 45 | 16 | 12 | 6 | 79 | 26 | 22 | 11 | 21 | 159 |
| Uncertified .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Small Pox .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Chicken-pox .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Measles .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 3 |
| Scarlet Fever .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Diphtheria and Croup .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Whooping Cough .. .. | .. | .. | .. | 1 | 1 | .. | 1 | 1 | 1 | 4 |
| Diarrhœa .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Enteritis .. .. .. | .. | .. | 1 | .. | 1 | 1 | 1 | .. | .. | 3 |
| Tuberculous Meningitis .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 |
| Abdominal Tuberculosis .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Other Tuberculous Diseases | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Congenital Malformations | 7 | .. | 4 | 1 | 12 | 4 | .. | .. | .. | 16 |
| Premature birth .. .. | 23 | 4 | 5 | 2 | 34 | 2 | .. | .. | .. | 36 |
| Atrophy, Debility and Marasmus | 4 | 3 | .. | 1 | 8 | 3 | 2 | .. | 1 | 14 |
| Atelectasis .. .. .. | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | 1 |
| Injury at birth .. .. | 3 | .. | .. | .. | 3 | .. | .. | .. | .. | 3 |
| Erysipelas .. .. .. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | 2 |
| Syphilis .. .. .. | .. | 1 | .. | .. | 1 | .. | .. | .. | .. | 1 |
| Rickets .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Meningitis (*not Tuberculous*) | .. | 1 | .. | .. | 1 | .. | .. | 1 | .. | 2 |
| Convulsions .. .. | 4 | 2 | .. | .. | 6 | 2 | 1 | 1 | 1 | 11 |
| Gastritis .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Laryngitis .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bronchitis .. .. .. | .. | 1 | 1 | .. | 2 | 8 | 4 | 1 | 3 | 18 |
| Pneumonia (all forms) .. | 1 | 1 | .. | 1 | 3 | 2 | 8 | 6 | 9 | 28 |
| Suffocation, overlying .. | 1 | .. | .. | .. | 1 | .. | 1 | .. | .. | 2 |
| Other Causes .. .. | 1 | 3 | 1 | .. | 5 | 1 | 4 | 1 | 3 | 14 |
| Totals .. .. | 45 | 16 | 12 | 6 | 79 | 26 | 22 | 11 | 21 | 159 |

Nett Births in the year { legitimate 1552, illegitimate 75

Nett Deaths in the year of { legitimate infants 151, illegitimate infants 8

# TABLE I.

Return of Births and Deaths Registered during the thirteen weeks ended 29th March, 1924.

| TOWNSHIPS | Census Population, 1921. | Estimated Population at the middle of the year 1924 | Births Registered during the 13 weeks ended March 29th, 1924 | Deaths Registered during the 13 weeks ended March 29th, 1924. | AGE MORTALITY. Under 1 year | Over 1 and Under 5 years. | Persons aged 65 years and upwards. | SEVEN ZYMOTIC DISEASES. Small Pox. | Measles | Scarlet Fever. | Diphtheria. | Whooping Cough. | Fevers. Typhoid. | Other. | Diarrhœa. | Tuberculosis (all Forms) | Bronchitis, Pneumonia and Pleurisy. | Heart Diseases. | Cancer | All other Diseases. | Rate of Mortality per 1,000. All Causes. During the corresponding period year previous. | All Causes. During the 13 weeks ended March 29th, 1924 | Seven Zymotics During the corresponding period year previous. | Seven Zymotics During the 13 weeks ended March 29th, 1924 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Huddersfield Including Central, Marsh, Fartown, Deighton and Bradley | 51,655 | 52,452 | 200 | 201 | 27 | 10 | 79 | .. | 2 | .. | .. | 1 | .. | .. | .. | 8 | 67 | 25 | 12 | 86 | 9.78 | 15.38 | 0.02 | 0.23 |
| Dalton | 9,528 | 9,675 | 29 | 31 | 3 | 2 | 11 | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | 12 | 3 | 3 | 11 | 11.03 | 12.86 | 0.00 | 0.41 |
| Almondbury | 15,637 | 15,878 | 48 | 58 | 7 | 1 | 26 | .. | .. | .. | .. | 1 | .. | .. | .. | 3 | 16 | 4 | 5 | 29 | 9.11 | 14.66 | 0.06 | 0.25 |
| Lockwood | 16,919 | 17,180 | 50 | 62 | 3 | 3 | 26 | .. | 1 | .. | .. | 2 | .. | .. | .. | .. | 20 | 4 | 6 | 29 | 12.40 | 14.48 | 0.05 | 0.7 |
| Lindley | 10,478 | 10,639 | 30 | 32 | 3 | 3 | 11 | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 10 | 3 | 1 | 15 | 12.09 | 12.07 | 0.09 | 0.00 |
| Longwood | 5,885 | 5,976 | 15 | 35 | 3 | .. | 16 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 12 | 7 | 4 | 11 | 12.78 | 23.5 | 0.00 | 0.00 |
| Royal Infirmary | .. | .. | .. | 22 | 1 | 1 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | 4 | 16 | .. | .. | .. | .. |
| Nursing Home | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Crosland Moor Workhouse | .. | .. | 3 | 37 | 1 | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 8 | 2 | .. | 25 | .. | .. | .. | .. |
| Deanhouse do. | .. | .. | .. | 9 | .. | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 5 | 3 | .. | .. | .. | .. |
| Sanatorium for Infectious Diseases | .. | .. | 20 | 10 | 2 | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | 4 | .. | .. | .. | 4 | .. | .. | .. | .. |
| Other Deaths of Residents outside Borough | .. | .. | .. | 9 | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 2 | 5 | .. | .. | .. | .. |
| Borough | 110,102 | 111,800 | 395 | 506 | 50 | 20 | 205 | .. | 3 | .. | 1 | 5 | 1 | .. | .. | 23 | 148 | 49 | 42 | 234 | .. | .. | .. | .. |
| Rate per 1,000 of Estimated Population | .. | .. | 14.18 | 18.16 | 1.79 | 0.72 | 7.36 | .. | 0.11 | .. | 0.03 | 0.18 | 0.03 | .. | .. | 0.82 | 5.31 | 1.75 | 1.51 | 8.4 | 14.20 | 18.16 | 0.21 | 0.35 |

Death Rate Huddersfield, with Infirmary and Nursing Home, 17.06
,, Dalton, with Fever Hospital 17.00
,, Lockwood, with Crosland Moor Workhouse, 23.12

Deaths of Children under one year per 1,000 births, 126.
,, ,, previous corresponding period. 83.

Death Rate of 105 Towns, 17.0.
,, (Zymotic) ,, 0.76.
Birth Rate ,, 20.0.

*Owing to the alterations in the Ward Boundaries made by the Council in January, 1908 (see Minutes, 15-1-1908) it is not possible to continue the division of the Huddersfield Township into th Districts, Central, Marsh, Fartown, Deighton, and Bradley as in former years. The other districts are, however, strictly comparable with those of previous years.

# TABLE II.

Return of Births and Deaths Registered during the thirteen weeks ended 28th June, 1924.

| TOWNSHIPS | Census Population, 1921. | Estimated Population at the middle of the Year 1924. | Births Registered during the 13 weeks ended June 28th, 1924. | Deaths Registered during the 13 weeks ended June 28th, 1924. | AGE MORTALITY. Under 1 year. | Over 1 and under 5 years. | Persons aged 65 years and upwards. | SEVEN ZYMOTIC DISEASES. Small Pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping Cough. | Fevers. Typhoid. | Other. | Diarrhœa. | Tuberculosis (all Forms.) | Bronchitis, Pneumonia and Pleurisy. | Heart Diseases. | Cancer. | All other Diseases. | Rate of Mortality per 1,000. All Causes: During the corresponding period year previous | All Causes: During the 13 weeks ended June 28th 1924. | Seven Zymotics: During the corresponding period year previous | Seven Zymotics: During the 13 weeks ended June 28th, 1924. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Huddersfield Including Central, Marsh, Fartown, Deighton and Bradley | 51,655 | 52,452 | 175 | 161 | 23 | 8 | 62 | .. | 4 | .. | .. | 4 | 1 | .. | .. | 11 | 21 | 10 | 19 | 91 | 9.63 | 12.31 | 0.15 | 0.68 |
| Dalton | 9,528 | 9,675 | 34 | 24 | 2 | 6 | 7 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | 4 | 1 | 2 | 15 | 8.72 | 9.95 | 0.00 | 0.82 |
| Almondbury | 15,637 | 15,878 | 46 | 50 | 6 | 3 | 23 | .. | 2 | .. | .. | 1 | .. | .. | .. | 1 | 12 | 6 | 4 | 24 | 12.91 | 12.63 | 0.00 | 0.75 |
| Lockwood | 16,919 | 17,180 | 63 | 56 | 5 | 4 | 14 | .. | 2 | .. | .. | 1 | .. | .. | .. | 5 | 11 | 4 | 4 | 29 | 10.53 | 13.08 | 0.23 | 0.70 |
| Lindley | 10,478 | 10,639 | 31 | 28 | 3 | 1 | 13 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 4 | 4 | 3 | 16 | 9.07 | 10.56 | 0.00 | 0.00 |
| Longwood | 5,885 | 5,976 | 25 | 13 | 3 | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 | 2 | 3 | 4 | 12.78 | 8.73 | 0.00 | 0.00 |
| Royal Infirmary | .. | .. | 2 | 17 | 1 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 16 | .. | .. | .. | .. |
| Nursing Home | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| Crosland Moor Workhouse | .. | .. | 14 | 35 | 3 | .. | 8 | .. | 1 | .. | .. | .. | .. | .. | .. | 2 | 8 | 2 | 5 | 17 | .. | .. | .. | .. |
| Deanhouse do. | .. | .. | .. | 5 | .. | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 | .. | .. | .. | .. |
| Sanatorium for Infectious Diseases | .. | .. | 37 | 11 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 8 | .. | .. | .. | 2 | .. | .. | .. | .. |
| Other Deaths of Residents outside Borough | .. | .. | .. | 15 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 1 | 2 | 1 | 8 | .. | .. | .. | .. |
| Borough | 110,102 | 111,800 | 427 | 416 | 47 | 22 | 138 | .. | 11 | .. | .. | 6 | 2 | .. | .. | 31 | 66 | 31 | 41 | 228 | .. | .. | .. | .. |
| Rate per 1,000 of Estimated Population | .. | .. | 15.32 | 14.93 | 1.68 | 0.78 | 4.95 | .. | 0.39 | .. | .. | 0.21 | 0.07 | .. | .. | 1.11 | 2.36 | 1.11 | 1.47 | 8.18 | 12.51 | 14.93 | 0.10 | 0.68 |

Death Rate—Huddersfield, with Infirmary and Nursing Home, 13.69
,, Dalton, with Fever Hospital, 14.51
,, Lockwood, with Crosland Moor Workhouse 21.25

Deaths of Children under one year per 1,000 births, 110.
,, ,, previous corresponding period, 92.

Death Rate of 105 Towns, 11.9.
,, (Zymotic) ,, 0.62.
Birth Rate ,, 19.5.

*Owing to the alterations in the Ward Boundaries made by the Council in January, 1908 (see Minutes, 15-1-1908) it is not possible to continue the division of the Huddersfield Township into the Districts, Central, Marsh, Fartown, Deighton and Bradley as in former years. The other districts are, however, strictly comparable with those of previous years.

# Return of Births and Deaths Registered during the thirteen weeks ended September 27th, 1924.

| TOWNSHIPS. | Census Population, 1921. | Estimated Population at the middle of the year, 1924. | Births Registered during the 13 weeks ended September 27th, 1924. | Deaths Registered during the 13 weeks ended September 27th, 1924. | AGE MORTALITY. Under 1 year. | Over 1 and under 5 years. | Persons aged 65 years and upwards. | SEVEN ZYMOTIC DISEASES. Small Pox. | Measles | Scarlet Fever. | Diphtheria | Whooping Cough. | Fevers. Typhoid. | Other. | Diarrhœa | Tuberculosis (all Forms) | Bronchitis, Pneumonia and Pleurisy. | Heart Diseases. | Cancer. | All other Diseases. | Rate of Mortality per 1,000. All Causes. During the corresponding period year previous. | All Causes. During the 13 weeks ended Sept. 27th, 1924. | Seven Zymotic. During the corresponding period year previous. | Seven Zymotic. During the 13 weeks ended Sept. 27th, 1924. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Huddersfield Including Central, Marsh, Fartown, Deighton and Bradley | 51,655 | 52,452 | 194 | 91 | 8 | 2 | 36 | .. | .. | .. | .. | 1 | .. | .. | .. | 12 | 6 | 7 | 19 | 46 | 8.72 | 6.96 | 0.01 | 0.07 |
| Dalton | 9,528 | 9,675 | 28 | 21 | .. | 3 | 5 | .. | .. | .. | 1 | .. | .. | .. | .. | 2 | 4 | 2 | 3 | 9 | 7.48 | 8.71 | 0.00 | 0.41 |
| Almondbury | 15,637 | 15,878 | 47 | 35 | 2 | 2 | 19 | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 4 | 6 | 9 | 14 | 7.09 | 8.84 | 0.00 | 0.00 |
| Lockwood | 16,919 | 17,180 | 67 | 14 | 7 | 2 | 12 | .. | 1 | .. | .. | .. | .. | .. | .. | 9 | 4 | 3 | 7 | 20 | 8.19 | 10.27 | 0.00 | 0.23 |
| Lindley | 10,478 | 10,639 | 43 | 18 | 3 | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 3 | 2 | .. | 10 | 6.80 | 6.69 | 0.00 | 0.00 |
| Longwood | 5,885 | 5,976 | 15 | 21 | 1 | 1 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 5 | 14 | 10.09 | 14.1 | 0.00 | 0.00 |
| Royal Infirmary | .. | .. | 3 | 21 | 2 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | 5 | 14 | .. | .. | .. | .. |
| Nursing Home | .. | .. | 2 | 2 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. |
| Crosland Moor Workhouse | .. | .. | 7 | 24 | .. | .. | 11 | .. | .. | .. | .. | .. | .. | .. | .. | 4 | 3 | 1 | .. | 16 | .. | .. | .. | .. |
| Deanhouse do. | .. | .. | .. | 3 | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | | | | |
| Sanatorium for Infections Diseases | .. | .. | 27 | 10 | .. | .. | 1 | .. | .. | 1 | .. | .. | 2 | .. | .. | 7 | .. | .. | .. | 3 | | .. | .. | .. |
| Other Deaths of Residents outside Borough | .. | .. | .. | 11 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 1 | .. | 8 | | | | .. |
| Borough | 110,102 | 111,800 | 433 | 301 | 23 | 13 | 108 | .. | 1 | 1 | 1 | 1 | 2 | .. | .. | 41 | 26 | 24 | 49 | 155 | | | | .. |
| Rate per 1,000 of Estimated Population | .. | .. | 15.54 | 10.8 | 0.82 | 0.46 | 3.87 | .. | 0.03 | 0.03 | 0.03 | 0.03 | 0.07 | .. | .. | 1.47 | 0.93 | 0.86 | 1.75 | 5.56 | 11.04 | 10.8 | 0.14 | 0.21 |

Death Rate —Huddersfield, with Infirmary and Nursing Home 8.72
,, Dalton, with Fever Hospital, 12.86
,, Lockwood, with Crosland Moor Workhouse 15.88

Deaths of Children under one year per 1,000 births, 53.
,, ,, previous corresponding period, 52.

Death Rate of 105 Towns, 9.1.
,, (Zymotic) ,, 0.45.
Birth Rate ,, 19.8

*Owing to the alterations in the Ward Boundaries made by the Council in January, 1908 (see Minutes, 15-1-1908) it is not possible to continue the division of the Huddersfield Township into the Districts, Central, Marsh, Fartown, Deighton and Bradley as in former years. The other districts are however, strictly comparable with those of previous years.

# TABLE IV.

Return of Births and Deaths Registered during the fourteen weeks ended 3rd January, 1925.

| TOWNSHIPS | Census Population, 1921. | Estimated Population at the middle of the Year 1924. | Births Registered during the 14 weeks ended January 3rd, 1925. | Deaths Registered during the 14 weeks ended January 3rd, 1925. | AGE MORTALITY. Under 1 year. | Over 1 and under 5 years | Persons aged 65 years and upwards. | SEVEN ZYMOTIC DISEASES. Small Pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping Cough. | Fevers. Typhoid. | Other. | Diarrhœa. | Tuberculosis (all Forms). | Bronchitis, Pneumonia and Pleurisy | Heart Diseases. | Cancer. | All other Diseases. | Rate of Mortality per 1,000. All Causes. During the corresponding period year previous. | All Causes. During the 14 weeks ended Jan. 3rd, 1925. | Seven Zymotics. During the corresponding period year previous. | Seven Zymotics. During the 14 weeks ended Jan. 3rd, 1925. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Huddersfield Including Central, Marsh, Fartown, Deighton and Bradley | 51,655 | 52,452 | 191 | 122 | 19 | 6 | 41 | .. | 1 | .. | .. | .. | .. | .. | .. | 10 | 25 | 10 | 11 | 65 | 10.09 | 8.67 | 0.38 | 0.07 |
| Dalton | 9,528 | 9,675 | 39 | 28 | 3 | .. | 8 | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 2 | 2 | 8 | 14 | 8.72 | 10.78 | 0.00 | 0.09 |
| Almondbury | 15,637 | 15,878 | 49 | 43 | 3 | 1 | 21 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 7 | 2 | 5 | 28 | 9.62 | 10.09 | 0.76 | 0.00 |
| Lockwood | 16,919 | 17,180 | 49 | 48 | 2 | 1 | 25 | .. | .. | .. | .. | .. | .. | .. | .. | 5 | 9 | 3 | 6 | 25 | 11.70 | 10.41 | 0.00 | 0.00 |
| Lindley | 10,478 | 10,639 | 30 | 34 | 2 | .. | 14 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 9 | 4 | 6 | 14 | 10.58 | 11.91 | 0.37 | 0.00 |
| Longwood | 5,885 | 5,976 | 16 | 17 | 2 | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | 1 | 2 | 12 | 10.09 | 10.6 | 0.00 | 0.00 |
| Royal Infirmary | .. | .. | 5 | 21 | 2 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 3 | .. | 2 | 15 | .. | .. | .. | .. |
| Nursing Home | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Crosland Moor Workhouse | .. | .. | 11 | 30 | 3 | .. | 13 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 4 | 4 | 6 | 15 | .. | .. | .. | . |
| Deanhouse do. | .. | .. | .. | 4 | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 3 | .. | .. | .. | .. |
| Sanatorium for Infectious Diseases | .. | .. | 20 | 9 | 3 | 2 | .. | .. | .. | .. | 2 | .. | .. | .. | .. | 4 | 1 | .. | .. | 2 | .. | .. | .. | .. |
| Other Deaths of Residents outside Borough | .. | .. | .. | 8 | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 1 | .. | 1 | 4 | .. | .. | .. | .. |
| Borough | 110,102 | 111,800 | 411 | 364 | 39 | 13 | 134 | .. | 1 | .. | 2 | .. | .. | .. | .. | 28 | 62 | 27 | 47 | 197 | .. | .. | .. | .. |
| Rate per 1,000 of Estimated Population | .. | .. | 13.7 | 12.13 | 1.3 | 0.43 | 4.46 | 0.00 | 0.03 | 0.00 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.93 | 2.06 | 0.9 | 1.56 | 6.56 | 12.73 | 12.13 | 0.46 | 0.1 |

Death Rate—Huddersfield, with Infirmary and Nursing Home, 10.23
,, Dalton, with Fever Hospital 14.25
,, Lockwood, with Crosland Moor Workhouse 16.92

Deaths of Children under one year per 1,000 births, 95.
,, ,, previous corresponding period, 59.

Death Rate of 105 Towns, 11.4.
,, (Zymotic) ,, 0.56.
Birth Rate ,, 18.1.

*Owing to the alterations in the Ward Boundaries made by the Council in January, 1908 (see Minutes, 15-1-1908) it is not possible to continue the division of the Huddersfield Township into the Districts, Central, Marsh, Fartown, Deighton and Bradley as in former years. The other districts are, however, strictly comparable with those of previous years.

# TABLE V.

Return of Births and Deaths Registered during the fifty-three weeks ended 3rd January, 1925.

| TOWNSHIPS. | Census Population, 1921. | Estimated Population at the middle of the year 1924. | Births Registered during the 53 weeks ended January 3rd, 1925 | Deaths Registered during the 53 weeks ended January 3rd, 1925 | AGE MORTALITY. Under 1 year. | Over 1 and under 5 years | Persons aged 65 years and upwards. | SEVEN ZYMOTIC DISEASES. Small Pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping Cough. | Fevers. Typhoid. | Other. | Diarrhœa. | Tuberculosis (all Forms). | Bronchitis, Pneumonia and Pleurisy. | Heart Diseases. | Cancer. | All other Diseases. | Rate of Mortality per 1,000. All Causes: During the corresponding period year previous. | All Causes: During the 53 weeks ended Jan. 3rd, 1925 | Seven Zymotics: During the corresponding period year previous. | Seven Zymotics: During the 53 weeks ended Jan. 3rd, 1925 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Huddersfield Including Central, Marsh, Fartown, Deighton and Bradley | 51,655 | 52,452 | 760 | 575 | 77 | 26 | 218 | .. | 7 | .. | .. | 6 | 1 | .. | .. | 41 | 119 | 52 | 61 | 288 | 9.65 | 10.79 | 3.05 | 0.26 |
| Dalton | 9,528 | 9,675 | 130 | 104 | 8 | 11 | 31 | .. | 2 | .. | 1 | 1 | .. | .. | .. | 5 | 22 | 8 | 16 | 49 | 9.14 | 10.58 | 0.10 | 0.41 |
| Almondbury | 15,637 | 15,878 | 190 | 186 | 18 | 7 | 89 | .. | 2 | .. | .. | 2 | .. | .. | .. | 7 | 39 | 18 | 23 | 95 | 9.68 | 11.53 | 0.25 | 0.25 |
| Lockwood | 16,919 | 17,180 | 229 | 210 | 17 | 10 | 77 | .. | 4 | .. | .. | 3 | .. | .. | .. | 19 | 44 | 14 | 23 | 103 | 10.71 | 12.03 | 0.23 | 0.4 |
| Lindley | 10,478 | 10,639 | 134 | 112 | 11 | 4 | 44 | .. | .. | .. | .. | .. | .. | .. | .. | 8 | 26 | 13 | 10 | 55 | 9.64 | 10.36 | 0.00 | 0.00 |
| Longwood | 5,885 | 5,976 | 71 | 86 | 9 | 1 | 39 | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 17 | 12 | 14 | 41 | 11.44 | 14.17 | 0.67 | 0.00 |
| Royal Infirmary | .. | .. | 10 | 81 | 6 | 6 | 11 | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 6 | .. | 11 | 61 | .. | .. | . | |
| Nursing Home | .. | .. | 3 | 3 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 2 | .. | .. | . | .. |
| Crosland Moor Workhouse | .. | .. | 35 | 126 | 7 | .. | 50 | .. | 1 | .. | .. | .. | .. | .. | .. | 9 | 23 | 9 | 11 | 73 | .. | .. | .. | |
| Deanhouse do. | .. | .. | .. | 21 | .. | .. | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 5 | 14 | .. | .. | | |
| Sanatorium for Infectious Diseases | .. | .. | 104 | 40 | 6 | 2 | 1 | .. | .. | 1 | 3 | .. | 4 | .. | .. | 23 | 1 | .. | .. | 8 | .. | .. | | .. |
| Other Deaths of Residents outside Borough | .. | .. | .. | 43 | .. | 1 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | 6 | 5 | 3 | 4 | 25 | .. | .. | | .. |
| Borough | 110,102 | 111,800 | 1,666 | 1,587 | 159 | 68 | 585 | .. | 16 | 1 | 4 | 12 | 5 | .. | .. | 123 | 302 | 131 | 179 | 814 | .. | .. | .. | .. |
| Rate per 1,000 of Estimated Population | .. | .. | .. | 13.97 | 1.4 | 0.6 | 5.15 | .. | 0.14 | .008 | .035 | .105 | .044 | .. | .. | 1.08 | 2.66 | 1.15 | 1.57 | 7.17 | 12.62 | 13.97 | 0.23 | 0.33 |

Death Rate Huddersfield, with Infirmary and Nursing Home, 12.36
,, Dalton, with Fever Hospital 14.65
,, Lockwood, with Crosland Moor Workhouse 19.25

Deaths of Children under one year per 1,000 births, 97.
,, ,, previous corresponding period, 72.

Death Rate of 105 Towns, 12.3.
,, (Zymotic) ,, 0.6.
Birth Rate ,, 19.4.

*Owing to the alterations in the Ward Boundaries made by the Council in January, 1908 (see Minutes, 15-1-1908) it is not possible to continue the division of the Huddersfield Township into the Districts, Central, Marsh, Fartown, Deighton, and Bradley as in former years The other districts are, however, strictly comparable with those of previous years.

# TABLE VI.

Death Rate per 1,000 per annum for 1924 and forty-four previous years.

| Year. | Estimated Population at the middle of the Year. | From all causes and at all ages. | Children under 1 year. | Children over 1 year and under 5 years. | In persons aged 50 years and upwards. | In persons aged 65 years and upwards. | ZYMOTIC DISEASES. Small Pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping Cough. | Fever. | Diarrhœa. | Seven Zymotic Diseases. | Violence and Accidents. | Consumption and Diseases of the Breathing Organs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1880 | 81,780 | 22.04 | 5.20 | 3.79 | 6.66 | .. | 0.02 | 0.40 | 0.28 | 0.05 | 0.15 | 0.67 | 0.91 | 2.49 | 0.61 | 6.72 |
| 1881 | 82,113 | 20.35 | 4.67 | 2.82 | 6.54 | .. | .. | 0.09 | 0.21 | 0.04 | 0.42 | 0.13 | 0.38 | 1.26 | 0.75 | 6.50 |
| 1882 | 83,271 | 22.39 | 5.64 | 3.93 | 6.60 | .. | .. | 0.96 | 0.26 | 0.07 | 0.64 | 0.18 | 0.53 | 2.63 | 0.65 | 6.81 |
| 1883 | 84,450 | 21.38 | 5.14 | 3.09 | 6.52 | .. | .. | 0.39 | 0.08 | 0.04 | 0.55 | 0.18 | 0.44 | 1.68 | 0.58 | 7.65 |
| 1884 | 86,004 | 19.54 | 4.84 | 2.55 | 6.34 | .. | .. | 0.18 | 0.08 | 0.05 | 0.70 | 0.14 | 0.63 | 1.77 | 0.57 | 5.65 |
| 1885 | 87,327 | 20.05 | 4.62 | 2.84 | 6.79 | .. | .. | 0.65 | 0.13 | 0.05 | 0.29 | 0.11 | 0.20 | 1.42 | 0.74 | 6.50 |
| 1886 | 88,670 | 19.54 | 4.49 | 2.76 | 6.30 | .. | .. | 0.19 | 0.37 | 0.14 | 0.32 | 0.14 | 0.48 | 1.63 | 0.79 | 6.38 |
| 1887 | 90,034 | 22.99 | 5.06 | 4.42 | 6.70 | .. | .. | 1.39 | 0.35 | 0.46 | 0.68 | 0.10 | 0.41 | 3.39 | 0.51 | 7.26 |
| 1888 | 91,419 | 18.51 | 3.90 | 2.80 | 6.37 | .. | 0.02 | 0.36 | 0.29 | 0.15 | 0.41 | 0.13 | 0.19 | 1.55 | 0.65 | 5.40 |
| 1889 | 92,825 | 18.79 | 4.15 | 2.78 | 6.33 | .. | .. | 0.98 | 0.28 | 0.13 | 0.16 | 0.11 | 0.36 | 2.02 | 0.38 | 5.95 |
| 1890 | 94,253 | 18.84 | 3.83 | 2.19 | 7.02 | .. | 0.01 | 0.04 | 0.07 | 0.05 | 0.42 | 0.25 | 0.39 | 1.23 | 0.48 | 6.58 |
| 1891 | 95,410 | 23.02 | 4.52 | 3.51 | 8.64 | .. | .. | 1.12 | 0.31 | 0.05 | 0.62 | 0.16 | 0.14 | 2.40 | 0.67 | 7.66 |
| 1892 | 95,373 | 18.37 | 3.53 | 2.60 | 6.97 | .. | 0.01 | 0.71 | 0.19 | 0.07 | 0.30 | 0.06 | 0.19 | 1.55 | 0.48 | 5.76 |
| 1893 | 95,336 | 17.84 | 2.37 | 2.05 | 6.82 | .. | 0.02 | 0.26 | 0.26 | 0.03 | 0.14 | 0.15 | 0.55 | 1.41 | 0.38 | 5.55 |
| 1894 | 95,299 | 16.46 | 3.35 | 1.94 | 5.92 | .. | .. | 0.14 | 0.24 | 0.28 | 0.58 | 0.14 | 0.19 | 1.57 | 0.40 | 4.81 |
| 1895 | 95,261 | 17.89 | 3.58 | 1.95 | 7.00 | .. | .. | 0.13 | 0.21 | 0.20 | 0.22 | 0.06 | 0.54 | 1.36 | 0.47 | 5.17 |
| 1896 | 95,224 | 17.69 | 3.63 | 2.25 | 6.90 | .. | .. | 0.28 | 0.20 | 0.27 | 0.57 | 0.13 | 0.34 | 1.79 | 0.50 | 5.51 |
| 1897 | 95,187 | 17.56 | 3.30 | 1.74 | 6.81 | .. | .. | 0.27 | 0.35 | 0.22 | 0.21 | 0.17 | 0.35 | 1.57 | 0.48 | 5.05 |
| 1898 | 95,149 | 17.13 | 3.70 | 1.89 | 7.03 | .. | .. | 0.34 | 0.10 | 0.15 | 0.12 | 0.10 | 0.81 | 1.62 | 0.60 | 4.65 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1902 | 96,573 | 17.43 | 3.30 | 1.78 | .. | 4.17 | 0.01 | 0.59 | 0.11 | 0.15 | 0.47 | 0.05 | 0.19 | 1.58 | 0.57 | 4.46 |
| 1903 | 97,808 | 16.25 | 2.78 | 1.32 | . | 4.29 | 0.02 | .. | 0.15 | 0.14 | 0.16 | 0.08 | 0.26 | 0.82 | 0.66 | 4.41 |
| 1904 | 99,056 | 16.78 | 3.08 | 1.69 | . | 4.11 | 0.01 | 0.76 | 0.10 | 0.14 | 0.25 | 0.07 | 0.50 | 1.83 | 0.61 | 4.13 |
| 1905 | 100,317 | 16.05 | 2.69 | 1.29 | .. | 4.17 | .. | 0.05 | 0.11 | 0.11 | 0.17 | 0.17 | 0.46 | 1.07 | 0.58 | 4.15 |
| 1906 | 101,591 | 16.18 | 3.07 | 1.81 | .. | 4.21 | .. | 0.60 | 0.07 | 0.13 | 0.32 | 0.09 | 0.80 | 2.00 | 0.44 | 3.84 |
| 1907 | 102,887 | 15.61 | 2.07 | 1.11 | .. | 4.23 | .. | 0.10 | 0.06 | 0.08 | 0.18 | 0.11 | 0.19 | 0.71 | 0.50 | 3.95 |
| 1908 | 104,178 | 15.54 | 2.48 | 1.55 | .. | 4.05 | .. | 0.62 | 0.03 | 0.08 | 0.13 | 0.08 | 0.56 | 1.50 | 0.47 | 3.55 |
| 1909 | 105,492 | 14.64 | 2.11 | 1.27 | .. | 4.12 | .. | 0.17 | 0.09 | 0.19 | 0.14 | 0.10 | 0.25 | 0.94 | 0.55 | 3.47 |
| 1910 | 106,820 | 14.76 | 2.02 | 1.17 | .. | 3.86 | .. | 0.09 | 0.17 | 0.14 | 0.27 | 0.05 | 0.28 | 1.00 | 0.49 | 3.22 |
| 1911 | 108,144 | 15.17 | 2.61 | 1.20 | .. | 4.40 | .. | 0.16 | 0.15 | 0.20 | 0.10 | 0.07 | 1.14 | 1.83 | 0.50 | 3.16 |
| 1912 | 109,512 | 13.81 | 1.82 | 0.95 | .. | 4.07 | .. | 0.19 | 0.20 | 0.08 | 0.24 | 0.02 | 0.10 | 0.83 | 0.44 | 2.98 |
| 1913 | 110,882 | 14.77 | 2.02 | 0.97 | .. | 4.49 | .. | 0.22 | 0.06 | 0.05 | 0.07 | 0.08 | 0.33 | 0.82 | 0.57 | 3.64 |
| 1914 | 112,265 | 14.69 | 2.02 | 1.19 | .. | 4.36 | .. | 0.44 | 0.03 | 0.04 | 0.19 | 0.05 | 0.13 | 0.87 | 0.54 | 3.59 |
| 1915 | 112,265 | 16.35 | 1.89 | 0.90 | .. | 5.27 | .. | 0.20 | 0.00 | 0.16 | 0.08 | 0.01 | 0.24 | 0.69 | 0.53 | 4.78 |
| 1916 | 111,139 | 15.11 | 1.78 | 0.99 | .. | 4.89 | .. | 0.02 | 0.01 | 0.14 | 0.33 | 0.02 | 0.10 | 0.65 | 0.42 | 3.97 |
| 1917 | 107,969 | 13.29 | 1.22 | 0.81 | .. | 4.33 | ... | 0.27 | 0.01 | 0.10 | 0.01 | 0.09 | 0.11 | 0.59 | 0.51 | 4.14 |
| 1918 | 105,818 | 16.70 | 1.49 | 1.27 | .. | 4.64 | .. | 0.18 | 0.01 | 0.10 | 0.15 | 0.03 | 0.07 | 0.56 | 0.51 | 5.22 |
| 1919 | 105,346 | 15.81 | 1.34 | 0.85 | .. | 4.99 | .. | 0.02 | .. | 0.07 | 0.04 | 0.03 | 0.04 | 0.23 | 0.43 | 4.63 |
| 1920 | 112,301 | 13.37 | 1.51 | 0.62 | .. | 4.17 | .. | 0.05 | 0.06 | 0.15 | 0.05 | 0.01 | 0.00 | 0.34 | 0.54 | 3.52 |
| 1921 | 116,776 | 12.72 | 1.52 | 0.49 | .. | 3.11 | .. | 0.01 | 0.01 | 0.09 | 0.06 | 0.03 | 0.12 | 0.34 | 0.39 | 3.16 |
| 1922 | 111,900 | 13.17 | 1.22 | 0.58 | .. | 4.83 | .. | 0.08 | 0.00 | 0.08 | 0.14 | 0.02 | 0.03 | 0.39 | 0.57 | 2.92 |
| 1923 | 111,600 | 12.62 | 1.13 | 0.23 | .. | 4.55 | .. | 0.03 | 0.02 | 0.03 | 0.05 | 0.04 | 0.03 | 0.23 | 0.48 | 2.98 |
| 1924 | 111,800 | 13.97 | 1.4 | 0.6 | .. | 5.15 | .. | 0.14 | 0.008 | 0.035 | 0.105 | 0.04 | 0.00 | 0.33 | 0.34 | 3.65 |

# TABLE VII.

| DISTRICTS | Birth-rate. | Mortality per 1,000 Persons Living at all Ages. | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Children under 1 year. | 1 to 5 Years. | Adults over 65 years. | Seven Zymotic Diseases | Constitutional Diseases. | Tuberculosis all forms. | Developmental Diseases. | Diseases of the Nervous System. | Diseases of the Circulatory System. | Diseases of the Respiratory System. | Diseases of the Digestive System. | Diseases of the Urinary System | Diseases of the Reproductive System. | Violence. | Ill-defined and not Specified Causes. | Total from all Causes. |
| Huddersfield Township (with Infirmary & Nurses Home) | 14.51 | 1.55 | 0.60 | 4.62 | 0.26 | 1.74 | 0.88 | 1.52 | 1.54 | 1.80 | 2.49 | 0.88 | 0.56 | 0.05 | 0.54 | 0.79 | 13.08 |
| Huddersfield Township (without Infirmary & Nurses Home) | 14.26 | 1.44 | 0.49 | 4.39 | 0.26 | 1.50 | 0.82 | 1.50 | 1.46 | 1.74 | 2.38 | 0.43 | 0.47 | 0.00 | 0.22 | 0.69 | 11.50 |
| Dalton (with Sanatorium) | 23.81 | 1.42 | 1.32 | 3.25 | 1.22 | 2.03 | 2.85 | 1.12 | 1.22 | 1.73 | 2.34 | 0.20 | 0.41 | 0.00 | 0.20 | 1.42 | 14.75 |
| Dalton (without Sanatorium) | 13.23 | 0.81 | 1.12 | 3.25 | 0.41 | 2.03 | 0.51 | 0.71 | 0.81 | 1.73 | 2.24 | 0.20 | 0.41 | 0.00 | 0.20 | 1.42 | 10.68 |
| Almondbury | 11.78 | 1.12 | 0.49 | 5.64 | 0.25 | 1.73 | 0.43 | 1.55 | 1.67 | 1.73 | 2.60 | 0.18 | 0.81 | 0.00 | 0.18 | 0.74 | 11.90 |
| Lockwood (with Workhouse) | 15.13 | 1.37 | 0.57 | 7.45 | 0.46 | 2.58 | 1.72 | 2.12 | 2.75 | 3.84 | 3.84 | 0.34 | 0.80 | 0.06 | 0.11 | 1.14 | 19.77 |
| Lockwood (without Workhouse) | 13.12 | 0.97 | 0.57 | 4.58 | 0.40 | 1.43 | 1.20 | 1.09 | 1.43 | 2.41 | 2.52 | 0.34 | 0.57 | 0.06 | 0.11 | 0.97 | 12.55 |
| Lindley | 12.40 | 1.02 | 0.37 | 4.25 | 0.00 | 1.57 | 0.74 | 1.85 | 1.94 | 1.76 | 2.40 | 0.09 | 0.37 | 0.00 | 0.09 | 0.00 | 10.82 |
| Longwood | 11.70 | 1.48 | 0.16 | 6.59 | 0.00 | 3.13 | 0.49 | 1.65 | 2.80 | 2.96 | 2.96 | 0.16 | 0.16 | 0.00 | 0.33 | 0.33 | 14.99 |
| Total for Borough, 1924 | 14.32 | 1.10 | 0.60 | 5.15 | 0.33 | 1.95 | 1.08 | 1.62 | 1.82 | 2.16 | 2.72 | 0.53 | 0.58 | 0.03 | 0.34 | 0.79 | 13.97 |
| Total for 1923 | 15.75 | 1.13 | 0.37 | 4.55 | 0.23 | 1.84 | 1.19 | 1.53 | 1.53 | 1.91 | 2.10 | 0.46 | 0.76 | 0.12 | 0.48 | 0.45 | 12.62 |

The above figures include persons belonging to Huddersfield who died outside the Borough classified to the localities in which they previously resided.

# TABLE VIII.

Cases of infectious diseases notified under the 64th clause of the Huddersfield Improvement Act, 1880, or found through official enquiries, during the four quarters of the 53 weeks of the year 1924.

**A** Cases of Small Pox, Scarlet Fever, Typhoid, and Typhus Fever.

| | 1st Quarter. | | | | 2nd Quarter. | | | | 3rd Quarter. | | | | 4th Quarter | | | | YEAR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Cases heard of. | Admitted to Hospital. | Total deaths in Borough. | Deaths in Hospital. | Cases heard of. | Admitted to Hospital. | Total deaths in Borough. | Deaths in Hospital. | Cases heard of. | Admitted to Hospital. | Total deaths in Borough. | Deaths in Hospital. | Cases heard of. | Admitted to Hospital. | Total deaths in Borough | Deaths in Hospital | Cases heard of. | Admitted to Hospital. | Total deaths in Borough. | Deaths in Hospital. |
| Small pox | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | 1 | 1 | .. | .. |
| Scarlet fever | 23 | 23 | .. | .. | 21 | 20 | .. | .. | 35 | 35 | 1 | 1 | 30 | 23 | .. | .. | 109 | 101 | 1 | 1 |
| Typhoid fever | .. | .. | 1 | 1 | 24 | 16 | 2 | 1 | 12 | 11 | 2 | 2 | 2 | 1 | .. | .. | 38 | 28 | 5 | 4 |
| Typhus fever | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Totals .. .. | 23 | 23 | 1 | 1 | 45 | 36 | 2 | 1 | 47 | 46 | 3 | 3 | 33 | 25 | .. | .. | 148 | 130 | 6 | 5 |

**B** Other Diseases.

| | 1st Quarter. | | 2nd Quarter. | | 3rd Quarter. | | 4th Quarter. | | TOTAL. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Heard of. | Hospital. | Heard of. | Hospital. | Heard of. | Hospital. | Heard of. | Hospital. | Heard of | Hospital |
| Continued fever | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Chicken Pox | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Diphtheria | 25 | 25 | 16 | 16 | 24 | 22 | 26 | 26 | 91 | 89 |
| Puerperal fever | 2 | .. | 1 | .. | .. | .. | 3 | .. | 6 | .. |
| Erysipelas | 4 | .. | 9 | .. | 10 | .. | 4 | .. | 27 | .. |
| Diarrhœa (in children under 5 years) | 1 | .. | .. | .. | 3 | .. | 2 | .. | 6 | .. |
| Ophthalmia Neonatorum | 7 | .. | 6 | .. | 4 | .. | 1 | .. | 18 | .. |
| Cerebro-Spinal Meningitis | 2 | 2 | 1 | 1 | 1 | .. | .. | .. | 4 | 3 |
| Polio-Myelitis | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Anthrax | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

# TABLE IX.

## Birth-rate, Death-rate, and Analysis of Mortality during the Year 1924.

*(Provisional figures. The rates for England and Wales have been calculated on a population estimated to the middle of 1924, while those for the towns have been calculated on populations estimated to the middle of 1923. The mortality rates refer to the whole population as regards England and Wales, but only to civilians as regards London and the groups of towns.)*

| | Birth-Rate per 1,000 Total Population. | Annual Death-rate per 1,000 Population. | | | | | | | | | Rate per 1,000 Births | | Percentage of Total Deaths. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | All Causes. | Enteric Fever. | Small-pox. | Measles. | Scarlet Fever. | Whooping-Cough. | Diphtheria. | Influenza. | Violence. | Diarrhœa and Enteritis (under 2 Years). | Total Deaths under One Year. | Cause of Death certified by Registered Medical Practitioners | Inquest Cases. | Uncertified Causes of Death. |
| England and Wales | 18.8 | 12.2 | 0.01 | 0.00 | 0.12 | 0.02 | 0.10 | 0.06 | 0.49 | 0.44 | 7.3 | 75 | 92.3 | 6.6 | 1.1 |
| 105 County Boroughs and Great Towns including London | 19.4 | 12.3 | 0.01 | 0.00 | 0.18 | 0.03 | 0.12 | 0.08 | 0.45 | 0.40 | 9.2 | 80 | 92.5 | 6.9 | 0.6 |
| 157 Smaller Towns (1921 Adjusted Populations 20,000–50,000) | 18.9 | 11.2 | 0.01 | 0.00 | 0.08 | 0.02 | 0.09 | 0.06 | 0.50 | 0.36 | 6.2 | 71 | 93.3 | 5.5 | 1.2 |
| London | 18.7 | 12.1 | 0.01 | 0.00 | 0.29 | 0.03 | 0.11 | 0.12 | 0.36 | 0.44 | 8.4 | 69 | 91.3 | 8.6 | 0.1 |

This Table has been kindly furnished by the Registrar General of Births, Marriages, and Deaths.